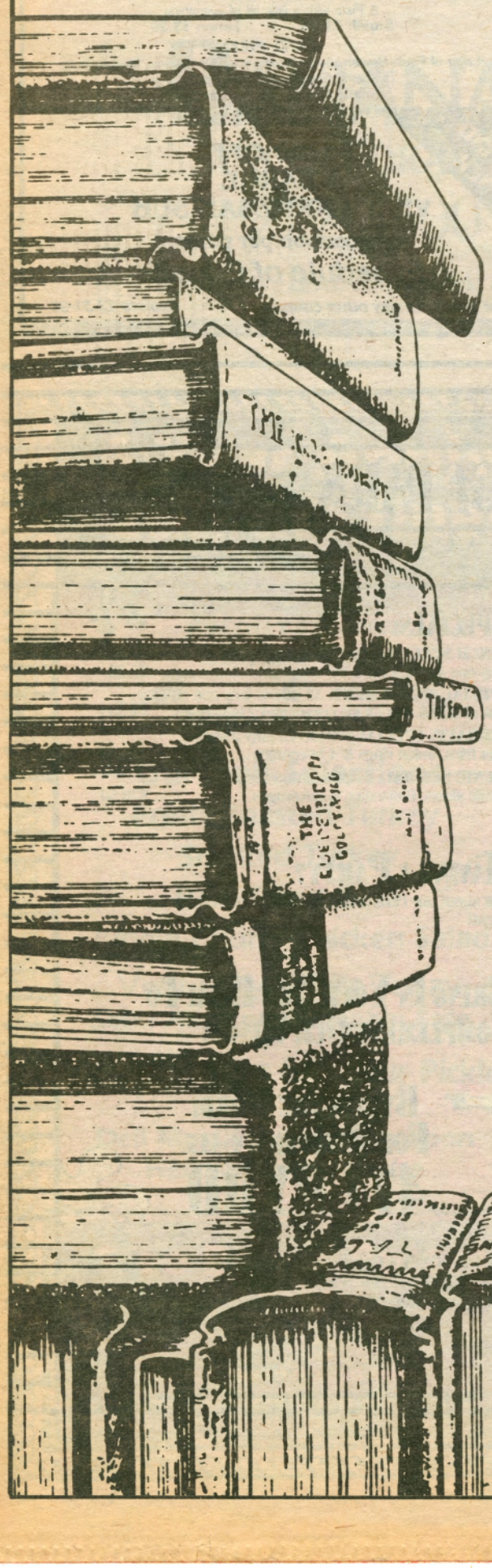
SCHEDULE OF CLASSES

The University of Maryland at College Park

Second Edition, Spring 1991

New Core General Education Program (see page 21)



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Steak'n Bacon	3.25	6.50
Pizza Steak'n Cheese	3.50	6.95
Veal Parmesan	3.25	6.50
Assorted Cheese	3.25	6.50
Ham'n Turkey	3.25	6.50
Tuna	3.25	6.50
Italian Cold Cut	3.25	6.50
Turkey	3.25	6.50
Turkey'n Cheese	3.25	6.50
Ham	3.25	6.50
Ham'n Cheese	3.25	6.50
Hamburger	3.25	6.50
Cheeseburger	3.25	6.50
Bacon Cheeseburger	3.50	6.95
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Green pepper, Egg'n Cheese	3.25	6.50
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EXTRA TOPPINGS: **1.25**

MEXICAN PIZZA
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Small: 7.65 **Large: 10.50**

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A Pizza with a little bit of everything
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WHITE PIZZA
Layer of Fresh Homemade crust with butter, Provolone, Mozzarella & Parmesan Cheese. and Italian seasonings
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Breaded and golden fried to perfection.

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Spring Semester 1991

JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 NEW YEAR'S DAY	2	3	4	5
6	7	8	9	10	11 Spring '91 Second Edition Schedule of Classes Available	12
13	14	15	16	17	18	19
20	21 Martin Luther King Holiday	22 FIRST DAY OF CLASSES	23	24	25	26
27	28	29	30	31		

January 22 — Tuesday — First Day of Classes

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 Last Day! Schedule Adjustment: Apply for May Graduation	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

February 4 — Monday — Last Day of Schedule Adjustment
— Last Day to Apply for May Graduation

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22 Fall '91 First Edition Schedule of Classes Available	23
24 / 31	25	26	27	28	29	30

SPRING RECESS

March 25-29 — Monday-Friday — Spring Recess

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5 Undergrad: Last day to drop with a W Grad: last day to adjust schedule	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

April 5 — Friday — Last Day for Undergraduates to Drop a course with a 'W'
— Last Day for Graduates to adjust schedule

MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13 Last Day Of Classes	14 Exam Study Day	15 FINAL ------EXAMINATIONS------	16	17	18
19	20 FINAL ---EXAMINATIONS---	21	22	23 Commencement	24	25
26	27	28	29	30	31	

May 13 — Monday — Last Day of Classes
May 14 — Tuesday — Exam Study Day
May 15-22 — Wednesday-Wednesday — Final Examinations
May 23 — Thursday — Commencement

FEBRUARY 4th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A MAY 1991 DIPLOMA
- PROCESS A LATE REGISTRATION

NEW CORE GENERAL EDUCATION PROGRAM

SEE PAGE 21

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 First Day of Summer I Classes	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24	25	26	27	28	29

June 3 — Monday — First Day of Summer Session I Classes

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12 Last Day of Summer I Classes	13
14	15 First Day of Summer II Classes	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

July 12 — Friday — Last Day of Summer Session I Classes
July 15 — Monday — First Day of Summer Session II Classes

AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23 Last Day of Summer II Classes	24
25	26	27	28	29	30	31

August 23 — Friday — Last Day of Summer Session II Classes

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted in the first floor of the Mitchell Building.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

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The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registration at the University of Maryland, College Park.

Editor/Coordinator: Gardnel Dyson
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Advertising inquiries can be directed to the Office of Records and Registration, 1113 Mitchell Building, University of Maryland, 441-2006.

For the purposes of the publication, the term University of Maryland refers only to the campuses existing prior to July 1, 1988. This includes the campuses at Baltimore, Baltimore County, College Park, Eastern Shore and University College.

Registration & Schedule Adjustment Procedures

IMPORTANT REGISTRATION DATES:

REGISTRATION & SCHEDULE ADJUSTMENT

THROUGH JANUARY 16	9:00-11:30	1130 MITCHELL BUILDING
WALK IN	1:00-4:00	
JANUARY 18 & 19	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-4:15	
JANUARY 22-23	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-5:00	

LATE REGISTRATION ($20.00 FEE) BEGINS JANUARY 22nd

JANUARY 22-25	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-4:15	
JANUARY 28-FEBRUARY 4	9:00-11:30	1130 MITCHELL BUILDING
WALK IN	1:00-4:00	

NOTE: The University will be closed January 21st for Martin Luther King Day

WAITLIST CHECK-IN*

JANUARY 18-25	8:45-11:45, 1:00-4:15	RECKORD ARMORY
JANUARY 28-FEBRUARY 5	8:45-11:45, 1:00-4:15	1130 MITCHELL BUILDING

*Check your Waitlist form for initial check-in date.

SCHEDULE ADJUSTMENT PERIOD ENDS FEBRUARY 4, 1991 (4:30 p.m.)

Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (January 17th-25th).

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 314-8217. Newly admitted students not attending orientation may NOT register until January 16th.

Walk-In Registration is available through February 4th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (January 17th-25th).

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Fall 1990 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Spring 1991 semester. NOTE: All incoming Freshmen, transfer and new graduate students are required to provide proof of immunization for measles, rubella, mumps and tetanus/diptheria. Contact the Health Center at 314-8180 for information.

STEP 1 — REGISTRATION LOCATION

January 2-16 ..... 9:00-11:30 a.m., 1:00-4:00 p.m., Room 1130 Mitchell Building
January 17-25 (Walk-in) ..... Reckord Armory
January 28-February 4 ..... Room 1130 Mitchell Building

Please note: The University will be closed January 21, for Martin Luther King Day.

STEP 2 — REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 29, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReg) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1. 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2. Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3. Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4. **Undergraduates Requesting Pass/Fail Grading Method — Refer to page 21 for Pass/Fail restrictions.**
5. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations. Students who would like to register for a course more than two times will require permission from the Dean of their College.

STEP 3 — WHAT TO BRING

A. **Undergraduate students readmitted or reinstated for the Spring 1991 semester**
   1. Bring letter of readmission or reinstatement to Registration.
   2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. **Undergraduate students newly admitted for Spring 1991 who did not attend an Orientation program may not register until January 16th.**
   1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment.
   2. Report to the assigned advisor for course advisement.
   3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

STEP 4 — COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested. Registration Forms will be available at all College locations, department offices, Reckord Armory, and Mitchell Building.

CHECK CLOSED COURSE LISTINGS at Registration.

STEP 5 — PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

STEP 6 — HOW TO PAY YOUR BILL

January 14-16 ..... Room 1103 Lee Building
January 17-25 ..... Record Armory or 1103 Lee Building
January 28 and after ..... 1103 Lee Building

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registration will be cancelled.
2. Complete the student Bill Form given to you upon entrance to the Bill Paying Area.
4. Go to the Bill Processing Area to get bill added.
4. Make out your check at the Check Writing Tables. **Write student's name and social security number on the front of the check.**
5. Pay the Cashier.
6. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

STEP 7 — OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 15 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

SETP 8 — PARKING REGISTRATION. See parking registration information on page 7.

Schedule Adjustment Procedures — through February 4th

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Fall 1990 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1990 semester.

Schedule Adjustment locations:

January 2-16 — Room 1130 Mitchell Building — 9:00-11:30; 1:00-4:00
January 17-25 — Reckord Armory, Main Floor. See chart above for times.
January 28-February 4 — Room 1130 Mitchell Building. See chart above for times.

Note: The University will be closed Monday, January 21, 1991 for Martin Luther King Day.

The Schedule Adjustment Period is January 22-February 4, 1991.

A. TO ADD
Complete a Schedule Adjustment Form. Make sure you are eligible for the requested course (check Course Listings for restrictions, pages 29-91. Check Closed Course listings at Registration. Bring Photo I.D. and Registration Card.

B. TO DROP
Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
January 22-February 4 — Look for express drop lines.

C. TO PROCESS
1. SECTION CHANGE
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After February 4, 1991 a Section Change Form should be used. A $4.00 fee will be charged.
2. GRADING OPTION CHANGE/CREDIT LEVEL CHANGE
   Complete a Schedule Adjustment Form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations.

Registration Counter — 1st floor lobby, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — January 17-25, 1991 according to published hours above.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:

January 14-16 — Rm. 1103 Lee Building
January 17-25 — Reckord Armory or Rm. 1103
January 28 and after — Rm. 1103 Lee Building

Note: The University will be closed Monday, January 21,1991 for Martin Luther King Day.

Instructions:

1. Make any academic schedule adjustments.
2. Go to the Cashiers Window in the Lee Building and make your payment.
3. Any drop/add which results in a net increase for your account must be paid at the time of registration.
4. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, Lee Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is January 22, 1991. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. Since the University has no deferred payment plan, PAYMENT IN FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after January 11, 1991 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (Perkins Loan, PELL, SEOG)

Students may pick up their financial aid checks (after securing at least 12 credits). **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 405-9025.** All students must present proof of the required credit hours and their photo ID card or driver's license before a check can be disbursed.

Graduate Student Registration Procedures 7

Schedule Adjustment — For Graduate Students who have previously registered for Spring 1991 and wish to drop, add, or change sections, grading method, or credit level, see Registration Dates and Schedule Adjustment Procedures on page 6. Walk-in Regisration is available through February 4th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (January 17th-25th).

For students not yet registered — Any previously admitted, eligible graduate student who has not yet registered for the Spring 1991 Semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Students may register walk-in until February 4th.

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see page 8). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1991.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1990, and currently eligible to register.

SEPT 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

SEPT 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

SEPT 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 29, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registrations Office, you may register walk-in until January 16. January 17-25, the Registration Center will be located in the Reckord Armory, Main Floor. You may register until February 4, 1991. ($20 late registration fee is assessed beginning January 22, 1991.)

STEP 6 — a. Students who register by December 7, 1990 must pay tuition and fees by January 11, 1991.
b. Students who register between December 10, 1990 and January 11, 1991 must pay tuition and fees by January 25, 1991.
c. Students who register after January 11, 1991 must pay by 3:00 p.m. of the following business day or registration will be cancelled.

Note: The University will be closed Monday, January 21, 1991 for Martin Luther King Day. The Bursars Office is located in Room 1103 Lee Building. Bills can also be paid in the Reckord Armory January 17-23.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information 405-4204.

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 18 and earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. January 22-28 (first five days of classes) ..... 80% refund
3. January 29 and after ..... 0% refund
   Students will incur full charge for courses *dropped* during this period.
4. February 5 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.
Refer to Summary of Spring Semester Deadlines for other important dates.

Graduate Students — Summary of Spring Semester 1991 Deadlines

January 4 ..... Last day for mail-in registration
January 21 ..... Martin Luther King Day Holiday
January 22 ..... First Day of Classes
January 22 ..... Late Registration Begins through February 4
February 4 ..... Last day to submit applications for the May 1991 Commencement to the Registrations Counter, Mitchell Building
February 11 ..... DOCTORAL STUDENTS: deadline for submitting Nominations of Dissertation Committee form to the Graduate Records Office
for May 1991 Commencement:
March 1 ..... MASTER'S STUDENTS: deadline for submitting Nominations of Thesis Committee form to the Graduate Records Office
for May 1991 Commencement:
— Approved program form
March 25-31 ..... Spring Break
April 8 ..... Last day to drop a course
April 24 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office
for May 1991 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement
May 1 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office
for May 1991 Commencement:
— The original signed Report of the Oral Examining Committee
— Two final, acceptable copies of the Master's Thesis OR Certificate of Completion of Master's Degree Without Thesis
May 13 ..... Last day of classes
May 23 ..... COMMENCEMENT

Waitlist Information — see chart on page 6 for dates and locations

A waitlist is a sequential file of students, in "first come, first served" order of their requests, who are waiting to get into a closed course should a seat open at some future time. Not all courses have waitlists; it is up to the department to offer the waitlist options.

Being placed on a waitlist is not a guarantee that the student will receive the course. A student may not waitlist a section of a course if that student is currently registered for another section of the same course.

When waitlisting a course, the student should have other options in case no seats become available in the desired course. Students who decide to waitlist a closed course may select up to six sections. No priority is assigned to these sections. Therefore, students are strongly urged not to waitlist a section which will conflict with existing scheduled courses.

Students may sign up for a waitlist during early registration or schedule adjustment. A form will be issued at this time. Please read this form carefully for detailed waitlist check-in instructions.

Parking Registration Information

WHO??
All students who plan to attend the University during the Spring 1991 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter. If you purchased a UMCP-DCP parking permit during the Fall 1990 semester you do not have to register for a new permit. Permits issued during the Fall semeter are valid through August 31, 1991.

PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 314-PARK.

WHEN??
Spring semester parking registration will take place in the Department of Campus Parking (DCP) office. The DCP office is located in Parking Garage 2, Building #202, Regents Drive.

Date	Time	Location
December 13-21, 1990	8:30 a.m.-4:00 p.m.	Department of Campus Parking Parking Garage 2, Bldg. #202 Corner of Regents Drive and Field House Drive
January 22 & 23, 1991	8:30 a.m.-6:00 p.m.	Department of Campus Parking
January 24 and later	8:30 a.m.-4:00 p.m.	Department of Campus Parking

HOW??
1. **BRING YOUR STUDENT I.D. CARD**
2. Pick up the complete UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $38.00 for campus resident students and $20.00 for commuter students. Check, cash, or credit card (Mastercard or Visa) payment is required.
3. You will receive a hanging permit and Informational Parking Guide.

Bicycles and Mopeds

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. Bicycles or mopeds parked in violation will be subject to impoundment.

A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. The lock, the handlebars, the seat, the wheels — anything — could cause an obstruction at exactly the place a person needs to use the railing for its intended purpose. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Handicapped Parking

All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of **their approved** State of Maryland Disabled Person's Parking Permit application. Upon issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP handicapped permit will be issued at no charge. The UMCP-DCP permits must be used in conjunction with the State Handicapped permit or tag in order to use handicapped spaces, unpaid parking meters or any ungated parking lot on campus, except for service or courier spaces.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding parking registration should be referred to the Department of Campus Parking, 314-PARK.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTH Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTT Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR Astronomy	1205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/MBA/MS Business and Management	3104 Tydings	MBA: permission of Director MS: see faculty advisor or Director PhD: at Orientation		MBA Optional MS Optional PhD Optional	Department Department Department
BMPM Business/Public Affairs	Phd: 0139 Tydings See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H.J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg.	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMPL Community Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	1119 A. V. Williams	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
CRWR Creative Writing	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
DANC Dance	1116 Temp. Bldg. EE	Mandatory	Registrations Office	Mandatory	Registrations Office
ECON Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENFP Fire Protection Engineering	0147 Engr Classrom Bldg	Mandatory	Department	Mandatory	Department
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENRE Reliability Engineering	2309 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENSE Systems Engineering	2101 A.V. Williams Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Service	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 Lee Bldg.	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS History Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Optional	Registrations Office
HNFS Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory (except 799/899)	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
KNES Kinesiology	2351 HLHP Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM Public Management Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	3104 Tydings Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799 899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N A	N/A	N/A	N A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799 899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHIL Philosophy	4360 Computer Science Center	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POSI Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799 899	Registrations Office
PSYC Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RTVF Radio-Television-Film	0123 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
RUSS Russian	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SOCY Sociology	2108 Art/Socy Bldg	Mandatory except 799/899	Department	Mandatory except 799/8/99	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SPCM Speech Communication	0148A Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
THET Theatre	0240 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
TOXI Toxicology	0300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799 899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 Lee Bldg.	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's thesis and doctoral dissertations. The handbook is available in the Graduate Records Office, 2117 Lee Building. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. Comments and suggestions for the improving the presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Records Office, 2117 Lee Building. For more information, please call 405-4202.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines.

Tuition waiver forms for students who registered early must be RECEIVED by the campus personnel office before January 11, 1991. Students who register after January 11, 1991 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 18, 1991.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact admissions Office, 314-8385.
Questions regarding registation? Contact Registration Office, 314-8240.
Questions regarding employee remission of tuition? Contact Staff Benefits Office 405-5654.

Teacher's Registration

WHO?
Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Fall 1990.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 6 for Spring 1991 registration procedures.

Graduate Students — check with Graduate School Admissions 405-4198, to determine eligibility. See page 7 for Spring 1991 registration procedures for all Graduate Students.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2350. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2353.

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 Lee Building, 405-5654.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR SPRING 1991
Early Registrants — before January 11, 1991
Students who register after January 11 — Remission of Tuition form must be submtted by 3:00 p.m. of the following business day.
All forms must be submitted by January 18, 1991

STEP 2 — Contact appropriate admissions office:
Undergraduate — Mitchell Building (Basement) 314-8385
Graduate — Lee Building (Second Floor), 405-4198
Non-degree seeking faculty — Contact Jane Graham, 1108 Mitchell Building, 314-8239
(Registration is on a space available basis.)

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

FACULTY/STAFF ARE ENCOURAGED TO REGISTER AS EARLY AS POSSIBLE.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students
1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students
1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.** The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students
1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower In Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs

B. Procedure for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, January 22, 1991 for the Spring 1991 semester. Visiting consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 30, "How to Read Course Listings.' **Visiting students must register at both their home campus and at UMCP.**

1. **Contact the UMCP consortium coordinator on 314-8239.**
2. **Fill out UMCP Schedule Request form with requested courses.**
3. **A visiting student cannot audit any UMCP courses.**
4. **Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.**
5. **The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.**
6. **If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.**

Dates Classes Begin for Consortium Schools

American University	January 14
Catholic University	January 10
Gallaudet University	January 15
George Mason University	January 21
George Washington University	January 9
Georgetown University	January 16
Howard University	January 10
Marymount University	January 10
Mount Vernon College	January 14
Trinity College	January 10
University of the District of Columbia	January 15
University of Maryland, College Park	January 22

Deadlines

Sumary of Spring Semester 1991 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	February 4
CANCEL REGISTRATION for Spring 1991	January 18
CANCEL RESIDENT LIFE (ON-CAMPUS) HOUSING/DINING SERVICES without financial obligation (new to Residence Halls)	November 27
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
CHANGE CREDIT LEVEL	February 4
DIPLOMA APPLICATION for May 1991 Graduation (and diploma dated May 1991)	February 4
DROP A COURSE — UNDERGRADUATE STUDENT (For billing purposes students maintaining full-time status **ONLY**)	
* without "W" mark	February 4
with "W" mark (4 credit drop limit) ($2.00 fee)	April 8
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Panalties for Drops on this page
CHANGE GRADING OPTION	February 4
GRADUATE MAIL-IN REGISTRATION	January 4
GRADUATE STUDENTS — LAST DAY TO ADJUST SCHEDULE (Graduate student does not receive a "W") ($2.00 fee for each drop or add February 5-April 8)	April 8
process a LATE REGISTRATION	February 4
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	January 18
WITHDRAW WITH 80% REFUND	February 4
WITHDRAW WITH 60% REFUND	February 11
WITHDRAW WITH 40% REFUND	February 18
WITHDRAW WITH 20% REFUND	February 25
WITHDRAW WITH 0% REFUND	May 13

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., FEBRUARY 4, 1991

*** A "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.**

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY JANUARY 18, 1991.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before January 18, 1991:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by January 18, 1991 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL COORESPONDENCE.
2. For additional information concerning cancellation call the Registration Office, 314-8218.
3. Cancellation of Housing and Dining Services is a separate process. See page 12 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 18, 1991 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less,* charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more,* the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 22-28, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

FEBRUARY 5 AND AFTER — $2.00 fee is assessed for *each drop* processed (to be billed). This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 18 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. January 22-28 (First five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. January 29 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 5 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refunds for Special Courses

CHEM 001, COOP 098/099, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Candidates for May 1991 Graduation

Deadline to apply for a diploma dated May 1991 ..... February 4, 1991

Both graduate students and undergraduate students must file an application for a diploma dated May 1991 in the Registration Office by February 4, 1991. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of application fees. Diploma application fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely petition for In-State Status *(Petition).* The deadline for meeting all requirements for in-state status and for submitting a *Petition* and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Spring 1991 ..... February 4, 1991

It is imperative that students who wish to request a review of the eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a *Petition* and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous out-of-state determination must be paid. If the determinaion is changed, any excess out-of-state charges will be refunded. It is to your advantage to apply early. Late *Petitions* will not be accepted.

Petitions for review of eligibility, related documentation and questions concerning the policy of the University of Maryland for the determination of in-state should be directed to the following office:

Campus Classification Office
Room 0405B
Marie Mount Hall
405-2029

Financial Information 11

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, Stafford student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING THE BURSAR'S VOICE RESPONSE SYSTEM AT 403-4641.

Although the University regulary mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 403-4641 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the office of the bursar. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that the student will lose the priority points they have earned for future assignments. Students who are severed from university services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The state has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $8.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $18.50 — Charged to all Full-Time undergraduates. Part-Time Undergraduates are charged a fee of $10.00. Graduate students are charged a fee of $1.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $59.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $15.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Student Health Fee: Refundable upon withdrawal. $22.00. — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $14.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescription, etc.) are due **when received**.

The Shuttle Bus Fee: Refundable upon withdrawal. $22.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $12.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal. $58.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $30.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $26 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $26.00 required of all students.

Pre-College Orientation Program Registration Fee: $78.00 (two day program) $27.00 (one parent)
$54.00 (one day program) $54.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.

Special Fee for students requiring additional preparation in Mathematics, or Chemistry: MATH 001 or MATH 002 — $135.00, CHEM 001 — $70; per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)

A student enrolled in MATH 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 002, CHEM 001, pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 098/099): $30.00 each

Engineering CO-OP Program (ENCO 098/099): $30.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Change of Registration Fee: $2.00 for each course dropped or added after February 4, 1991. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).

Transcript of Record Fee: $2.00 each copy.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 18 for definition of full-time and part-time graduate status).

Vehicle Registration Fee: Commuters $20.00, Residents $38.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $250.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $35 — Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutiliation of a book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severence Fee added to their account. In order to have services restored, the student's account must be settled in full.

Fees for Spring Semester 1991

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees — (*Includes mandatory fees)

[1] Full-Time Undergraduate Students, Maryland Residents **1,134.50**

[1] Full-Time Undergraduate Students from District of Columbia and other states and other countries **3,162.50**

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$108.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
* Cost	203.00	311.00	419.50	527.00	635.00	743.00	851.00	959.00

* Includes all mandatory fees

* Graduate In-State — $128.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
* Cost	214.00	342.00	470.00	598.00	726.00	854.00	982.00	1110.00	1284.50	1412.50	1540.50	1668.50	1796.50

* Includes all mandatory fees

* Graduate out of state students — $229.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
* Cost	315.00	544.00	773.00	1002.00	1231.00	1460.00	1689.00	1918.00	2193.50	2422.50	2651.50	2880.50	3109.50

* Includes all mandatory fees

Campus Point Plan	Lite	947.00
	Regular	1047.00
	Plus	1147.00
Room, University Residence Hall, Maryland Residents/Non-Residents		1309.00
Telecommunications Fee		70.00
Vehicle Registration Fee (valid through August 1991)	Campus Resident	38.00
	Commuter	20.00
Special Mathematics Fee (MATH 001/002)		135.00
Special Chemistry Fee (CHEM 001)		70.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning January 22, 1991)		20.00
Schedule Adjustment Fee (effective on or after February 5, 1991)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2,582.00
Maryland English Institute — Semi-Intensive Program		1,291.00
Maryland English Institute — Pronunciation Program		200.00
Maryland English Institute — Fluency Program		200.00
Orientation Fees:		
Student One Day		54.00
Student Two Days		78.00
One Parent		27.00
Two Parents		54.00

[1] FOR BILLING PURPOSES UNDERGRADUATE FULL—TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2] A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3] A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.

Graduation Application Fee for Bachelor's Degree: $15.00. **Master's Degree:** $25.00. **Doctor's Degree:** $50.00 These charges are one-time, non-refundable, and must be paid in the semester that the graduation application is first submitted.

Billing Information

Bills for payment of fees are mailed in December 1990 to students who have registered for courses for Spring 1991. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN JANUARY 11, 1991 BY ALL REGISTERED STUDENTS.** Accounts not paid by January 11, 1991 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1109, Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING 403-4641.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after January 11, 1991 will be required to make full payment in person to the cashier by the close of business the following day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the Lee Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, A LATE PAYMENT FEE OF $5.00 or 5%, WHICHEVER IS HIGHER, TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLETION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines.

Tuition waiver forms for students who registered early must be RECEIVED by the campus personnel office before January 11, 1991. Students who register after January 11, 1991 must submit the Tuiton Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 18, 1991.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 314-8385.
Questions regarding registration? Contact Registration Office, 314-8240.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 405-5654.

Tuition Remission Policy

(Spouse and Dependent Children)

The University Board of Regents has approved a tuition remission policy for the spouse and dependent children of permanent (50% time or more) employees. The policy will provide **FULL** Remission of the tuition charges only for permanent full-time (100%) employees. Permanent part-time (50% time or more) employees will receive tuition remission based on the percent of time on the payroll. The **TUITION REMISSION** forms are available at each campus Personnel Department. After obtaining department head signature, the completed form is to be **HAND CARRIED,** in a sealed envelope, to the campus personnel office where the student's spouse or parent is employed **NO LATER THAN DECEMBER 1, 1990.** If the established cap has not been reached on December 1, 1990, approval letters will be mailed to the employee. After December 1, 1990, applications will be processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition remission account.

12 Financial Information

Robert T. Stafford Loan Information

The Robert T. Stafford Loan, formerly known as the Guaranteed Student Loan, takes approximately 8 weeks to process. In order for your Stafford Loan check to be available by the Fall 1990 semester payment due date, you should file a Financial Aid Form (FAF) with the College Scholarship Service by June 15, 1990. The processed results of an FAF must be in the Office of Student Financial Aid (OSFA) before a loan can be processed. Students may apply for a Stafford Loan only after receiving their award notification from OSFA.

Pending Stafford Loans and promissory notes may not be substituted in lieu of payment. The university does not have a deferred payment program. Payments for students who registered early for the Fall 1990 semester are due on or before August 17, 1990.

Financial Aid Information

Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor before taking such action. Students receiving certain scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant that requires 12 hours falls below the minimum requirement, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the university. Such indebtedness can in turn lead to severance of services by the university.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the university from the sponsor, the student will be charged.

Previously registered students bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. Perkins Loans will be ordered in checks. **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 405-9025.** Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Spring bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately two to three weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Stafford Loan (formerly Guaranteed Student Loan) checks may be picked up at the Office of the Bursar, Room 1103, Lee Building. Before a check can be disbursed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to students as work is performed.
6. Dining Hall and Library Workships (and other University Workships) will be credited to the bill after signing a contract with the respective office.
7. College Work Study and other univesity employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A PERKINS LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan check cannot be disbursed if the student has not turned in these forms.

   Deferments for repaying Perkins Loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal.** Aid will be prorated based on attendance. Those considering second withdrawal may not be eligible for aid the subsequent semester.
10. The university will only make adjustments to financial aid awards until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID

Federal Legislation governing the administration of the Pell Grant, Perkins Loan (formerly National Direct Student Loan), the Supplemental Education Opportunity Grant (SEOG), the College Work Study (CWS), the Stafford Loan (formerly GSL), and the PLUS/Supplemental Loan require that colleges and universities define and enforce standards of progress for students receiving or applying for federal financial aid. To comply with that legislation, Standards of Satisfactory Progress have been established, and all recipients of the above-mentioned forms of financial aid are subject to these standards for renewal or receipt of their federal financial aid.

A review of the student's compliance with the Standards of Satisfactory Progress will normally occur at the end of the Spring Semester. Students who have not met the minimum credit hour requirement and/or minimum grade point average requirement will be informed in writing prior to the Fall Semester.

Student Loan Deferment Payment Information

Student Loan verifications must be made using the following guidelines:

UNDERGRADUATES:

To qualify for a deferment the student must maintain the credit levels noted below:

FALL/SPRING SEMESTER:
- 9 or more Credits to be considered **FULL TIME**
- 6-8 Credits to be considered **half time**

SUMMER SESSIONS:
- 6 Credits per session to be considered **FULL TIME**
- 3 Credits per session to be considered **HALF TIME**

GRADUATE STUDENTS:

Graduate students need to have their schedules converted to units. This is done by using the table below. To be considered for a deferment the student must maintain the units noted below:

FALL/SPRING SEMESTER:
- 48 Credit Units for **FULL TIME**
- Graduate Assistantships = 24 units
- 24 Graduate Units for **HALF TIME**

SUMMER SESSIONS:
- 24 Graduate Units if **HALF TIME**

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

January 22 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. The $5.00 Registration Fee is not refundable. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Undergraduate Resident	*Undergraduate Non-resident*
On or before January 18	100%	1134.50	3162.50
January 22-February 4	80%	903.60	2526.00
February 5-11	60%	677.70	1894.50
February 12-18	40%	451.80	1263.00
February 19-25	20%	225.90	631.50
February 26 and later	0%	0.00	0.00

* Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

NOTE: Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

Charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes Resident Life and/or Dining Services release procedures as stated in the Residence Halls/Dining Services Agreement.

1. Cancellation of Residence Halls/Dining Services Agreement must be sent directly (Certified Mail suggested) to:

   Resident Life
   Assignments Office
   2100 Annapolis Hall
   College Park, MD 20742-9123
   (301) 314-2100
2. The Residence Halls/Dining Services Agreement is for the entire academic year. Therefore, the University will not normally release an individual from the Agreement after services are claimed (i.e., keys issued).

   In some specified cases, however, residents may be released from the Agreement without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, studying abroad, co-op work in conjunction with a University sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the Agreement.

   Such requests for release — effective at the end of the fall semester or the start of the spring semester — must be submitted to Resident Life before 4:30 p.m., November 27, 1990, in order to avoid incurring the charges identified in the Cancellation Fee Schedule in Section IV (D) (1) of the Agreement in the event the request is approved by Resident Life. Requests for release from the Agreement, which are to be effective Spring 1991 will not be approved after the first scheduled day of spring semester classes, except for reasons of disenrollment.
3. The Dining Services ID Card must be returned to the Dining Services Contract Office (0144 South Campus Dining Hall) to avoid a $15.00 fine.

Please contact Resident Life's Assignments office for more information and other criteria that will allow for release from the Residence Halls/Dining Services Agreement.

Refunds for Special Courses

CHEM 001, COOP 098/099, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 Lee Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately two to three weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the student's permanent address. Refund checks will not be mailed to a campus address. University policy requires that any refund resulting from a payment originally made by credit card must be refunded back to the original credit card.

Final Examination Schedule
Spring Semester 1991

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

1. STANDARD FINAL EXAM TABLE

Examination Time	Classes Scheduled
May 15, Wednesday	
8:00-10:00	MWF 10
10:30-12:30	MWF 3
1:30- 3:30	BMGT 221, 311, 424 ENEE 380, 381 SPAN 204
May 16, Thursday	
8:00-10:00	MWF 11
10:30-12:30	TuTh 2
1:30- 3:30	MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210 211, 220, 221 240, 241, 241H 246, 246H STAT 100
May 17, Friday	
8:00-10:00	MWF 9
10:30-12:30	TuTh 11 TuTh 11-12:15
1:30- 3:30	BMGT 310, 332, 422 ENEE 350 PHYS 161, 263 FREN 101, 102, 103, 203
4:00-6:00	ECON 201 ENES 221 ITAL 101, 102
May 18, Saturday	
8:00-10:00	MWF 2
10:30-12:30	TuTh 12 TuTh 12:30-1:45
1:30- 3:30	ECON 203 PHYS 121, 262
4:00- 6:00	CMSC 103, 112, 113, BMGT 301, 440

Examination Time	Classes Scheduled
May 20, Monday	
8:00-10:00	MWF 1
10:30-12:30	CHEM 103, 104 113, 233 243, 481, 482
1:30- 3:30	TuTh 9, TuTh 9:30-10:45
May 21, Tuesday	
8:00-10:00	MWF 12
10:30-12:30	TuTh 8, TuTh 8-9:15
1:30- 3:30	ENES 110, 110H, 220, ENEE 322, 324, EDMS 451, HEBR 112, RUSS 102, 202
May 22, Wednesday	
8:00-10:00	MWF 8
10:30-12:30	TuTh 3, TuTh 3:30-4:45
1:30- 3:30	GERM 101, 102, 201 ENEE 302, 314
4:00- 6:00	TuTh 10
7:00- 9:00	TuTh 1

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. (For example, a class scheduled on Tuesday, 4:15-7:00 p.m. has its exam on Tuesday, May 21 at 4:15 p.m.). Classes scheduled on Thursdays at 4:00 p.m. and later have their final exams on Thursday, May 16. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 221, 301, 310, 311, 332, 422, 424, 440
CHEM 103, 104, 113, 113H, 233, 243, 243H, 481, 482
CMSC 103, 112, 113
ECON 201, 203
EDMS 451
ENEE 302, 314, 322, 324, 350, 380, 381
ENES 110, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 201
HEBR 112
ITAL 101, 102
MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
PHYS 121, 161, 262, 263
RUSS 102, 202
SPAN 204
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE

Final examiations for BMGT courses numbered 600 and above are subject to the general guidelines outlined in Notes A, B, & C below. The rooms in which these examinations will e held will be announced in class.

A. Examination time for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
B. Examination times for required MBA Courses that are taught during the day are based on course number irrespective of the time the course normally meets.
C. Examination times for all BMGT courses numbered 600 and above and that are not covered by notes A & B, will follow the exam schedule at the top of this page. However, exams will be three hours long.

Examination Time	Classes Scheduled
Wednesday, May 15, 1991 9:00-12:00	BMGT 611 TuTh 11:00-12:15** TuTh 12:30-1:45** MW 2:00-3:15
Thursday, May 16, 1991 9:00-12:00	BMGT 640 MW 9:30-10:45*** MW 11:00-12:15**
Friday, May 17, 1991 9:00-12:00	BMGT 660 TuTh 9:30-10:45 MW 12:30-1:45*** MW 2:00-3:15***
Monday, May 20, 1991 9:00-12:00	BMGT 690 TuTh 2:00-3:15 MW 2:00-3:15*** MW 3:30-4:45***
Tuesday, May 21, 1991 9:00-12:00	BMGT 631 MW 11:00-12:15 MW 3:00-4:15
Wednesday, May 22, 1991 9:00-12:00	BMGT 671 TuTh 9:30-10:45 TuTh 2:00-3:15

*** Sections are given together

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community — students, faculty, and staff — share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the servces of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words *or* ideas of another as one's own in any academic exercise.
Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate identification and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's. *An Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribue only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A twenty-five student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY DIAL 314-8206 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS WITH AN INTEREST IN SERVING ON THE HONOR COUNCIL SHOULD CONTACT THE DEAN OF THEIR COLLEGE.

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Office of Judicial Programs, Room 2112 Mitchel Building (314-8204).

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, Lee Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it coccurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

Computer Science Center

Non-credit Training Courses (Fall 1990)

The Computer Science Center offers a series of *free* workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g. the IBM PC, XT, AT PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, Wordperfect 5.1 and QUATTRO PRO on the IBM PC, Introduction to the Macintosh, and MacWrite II on the Macintosh. An additional class on Telecommunications and File Transfer is also offered. Instructors for the classes are computer experienced students. Call 405-2941 for scheduling information, or drop by CSC room 3326 to register for classes.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Fall, will include surveys of UNIX, statistical software, communications, and networking. A small fee is charged for these classes. For further information call 405-4261.

Credit by Examination (Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch, 314-8418.

Disabled Student Services

A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assistance with registration. Services must be arranged in advance and students are encouraged to contact Disabled Student Services as early as possible. Hours of operation are 8:30-4:30 Monday through Friday. Our telephone number is 314-7682 (voice) or 314-7683 (TDD).

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students. Records kept as part of providing counseling services are **confidential** and are not part of the University's educational records. The Counseling Center, located in Shoemaker Building, is open Monday-Thursday 8:30-9:00 and Friday 8:30-4:30.

In order to meet the needs of the University community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide professional individual and group counseling services for students with social-emotional and educational-vocational concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. The Center also provides a series of tape-recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disabled Student Service. Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Located in Room 0126 Shoemaker, office hours are 8:30-4:30 Monday-Friday. Telephone 314-7682 (voice) or 314-7683 (TDD).

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and how to learn mathematics and science material. Workshops cover such topics as study skills, time management, learning math skills, exam anxiety, and learning English as a second language. Telephone: 314-7693.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semesters to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A popular offering is the Returning Students Coffee and Conversation Group. Drop in any Monday 12:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 314-7693.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characterists of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing, and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Emergency Weather Conditions

Stations designated to broadcast emergency condition reports:

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WKYS	980 AM	D.C. Area	WJLA	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WGMS	103.5 FM	D.C. Area	WMAR	2	Baltimore Area
WBAL	1090 AM	Baltimore Area	WJZ	13	Baltimore Area
WCAO	600 AM	Baltimore Area	WBAL	11	Baltimore Area

CAMPUS INFORMATION: 405-1000

Engineering Jobs Hotline — 314-9289

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call 314-9289.

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 405-3956

Experiential Learning Program (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contact, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is paid or unpaid work experience with specific educational objectives that may be granted academic credit. Students can use extensive ELP listings, which include more than 200 opportunities in more than 1300 organizations, businesses and agencies to identify possible internships. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ____386/____387

Students can earn academic credit for their internship experiences through departmental internships or through the campus-wide internship courses ____386 Field Experience and ____387 Analysis of Field Experience. The following are Campus Senate Policies regarding ____386/____387:

- ____386 and 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a department option and in accordance with departmental requirements and internship policies.
- ____386 and ____387 must be taken concurrently.
- ____386 and ____387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ____386 and ____387 may be taken only once in a given department.
- ____386 and ____387 may be taken in only one department per semester.
- ____386 and ____387 may be taken for a maximum of 4 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are mandatory for all students taking ____386 Field Experience and ____387 Analysis of Field Experience.

The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors **submitted by the end of the late registration for the semester or summer session in which credits will be earned.** If the Learning Proposal is not completed, the student may have his/her ___386/____387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ____386/____387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts, Business and Sciences

Cooperative Education is the most intensive form of experiential learning. Students either alternate semesters of full-time paid employment with semesters of full-time study, or work part-time while enrolled full-time at UMCP. Co-op employers include hundreds of agencies within the federal government and leading private organizations. Many co-op students are offered permanent positions after graduation. To be eligible a student must have completed 36 college credits, 12 UMCP credits (undergraduates) or 9 UMCP credits (graduate students) each semester before you co-op, and maintain a 2.0 G.P.A. cumulative, in their major, and each semester before co-oping (undergraduates) or 3.0 G.P.A. (graduate students) cumulative in major. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. the ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, literacy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit. Students eligible for College Work Study may be able to find placements in community service agencies and earn their CWS award off campus.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 99 participating public colleges and universities across the country. UMCP students pay their Maryland tuition and fees to UMCP and room and board to their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska and U.S. territories. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year. You must have at least a 2.5 G.P.A. at the time of application and exchange.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. The institution will make available courses and various services to persons who are 60 years of age or older, who are legal residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours a week. When persons eligible for this Program apply for the Program and are admitted to the University, they register on a space available basis for credit courses as regular or special students in any session and receive a Golden Identification Card. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. Golden ID students may register for a maximum of three courses per term. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 314-8385, or the Golden ID Student Program, Room 0119 Hornbake Library, 405-3956.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations.

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday.

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1990 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations 314-8239.

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigration Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registration and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 314-7740.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 314-8323. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.

The Job Referral Service is located in Room 3120 Hornbake Library (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 314-8324 for more information about the service.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m., 314-3645.

Office of Public Service

The Office of Public Service provides information and liason to outside callers interested in using the resources of any of the University of Maryland System's eleven member institutions and major components. Help is available to staff and students, too. Publications include the UMS economic and community development brochure "UMS: Your Partner In Progress." Public Service Hotline: 853-3674 or toll-free 1-800-477-TIES.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individuals designated below.

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for 504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Policy on Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses, including but not limited to, notices in the Catalog.

The University of Maryland, College Park Campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities: Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NUSC or NUTR prefixes.

Repeat Policy

The University of Maryland has instituted a new REPEAT POLICY effective Fall 1990.

1. **There is a limit to the number of times a student may repeat a course.** Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. No student may be registered, after the schedule adjustment period, for any given course more than two times. An exception allowing one additional repeat in a course may be granted by a dean's office. When requesting such an exception, a student must present a plan for successfully completing the course.
2. **There is also a limit on the number of corses that a student may repeat.** The total number of different course that may be repeated by a student will be a function of his/her class standing when admitted to the University of Maryland College Park. The following table will be applied.

Credits at Entry	Class	Repeatable Credits
0-27	Freshman	18
28-55	Sophomore	14
56-85	Junior	10
86+	Senior	6

   An exception to these limitations may be obtained under very unusual circumstances by an appeal to the Vice President for Academic Affairs/Provost.
3. All attempts at a given course resulting in a grade of A,B,C,D, or F will be included in the computation of the grade point average. However, the following two exceptions are made to assist the adjustment to the campus of students admitted as freshmen to College Park, and students transferring to the College Park campus from other institutions of higher learning. Grades in courses will be dropped from the cumulative grade point average if they are subsequently repeated with a higher grade provided that:
   A) They are earned during the first semester of residence at College Park,
   or
   B) The student's first registration in the class for which the grade is to be dropped is during or prior to the semester in which the student reaches the 24 credit limit (the total number of credits earned at College Park plus credits transferred to College Park from other institutions of higher education).
   Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from or averaged into, the cumulative grade point average.

Implementation Procedure

1. All new freshmen or transfer students from *other* than Maryland Community Colleges matriculating at UMCP for the Fall 1990 semester will be required to follow the new policy.
2. Students who matriculated at UMCP or at a Maryland Community College prior to Fall 1990 will be eligible for the old repeat policy.
3. Students who enter UMCP for summer 1990 will be under the old repeat policy.
4. Students who matriculated at another University of Maryland System institution and began at UMCP Fall 1990 or after will be under the new repeat policy.
5. Students may register for a course only twice unless granted an exception by the Dean of their College. Exceptions granted by a Dean *will* be counted against the credit limit for repeats *unless the Dean requests otherwise.*
6. In addition to the grades specifically listed in the policy, these additional marks will count as attempts in the repeat program: I, NGR, Audit.
7. The credits at entry will be based on *acceptable* transfer credit.
8. All attempts will be averaged except: when the course is taken within the student's first 24 credit hours (including transfer credit) or when the course is taken in the students first semester at UMCP.
9. All courses taken within the term that a student reaches the 24 credit hour threshold can be repeated with only the higher grade included in the cumulative grade point average.

Sexual Harrassment

A revision of the 1980 statement of sexual harrassment has been issued by The President's Office. The statement, entitled Campus Policy and Procedures on Sexual Harrassment, may be obtained by calling the Human Relations Office, 405-2838.

Shuttle-UM

Shuttle—UM offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Commuter and evening schedules are available at the Stamp Union Information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office in Lot 7. For information, paratransit scheduling, or chartering call 314-2255 (X CALL). Shuttle-UM is a student operated transit service. For employment information, call 314-2255.

Smoking Policy

The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libaries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Student Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Departments of Resident Life and Residential Facilities. The SEC maintains job descriptions of all the positions for which the Departments are recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants, security staff, pest control crew, and building and grounds maintenance. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 314-5111.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a kubbutz stay and an intensive Hebrew language course. Students then attend Tel AvivUniversity where they take courses taught in English that focus on Israeli and middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France — This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.

Summer programs — For 1991 the following will be offered: German language in Kassel, West Germany, Spanish Language in Madrid, Spain, architecture in Paris.

Maryland Exchanges — there are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 G.P.A.

FOR INFORMATION, CONTACT: Study Abroad Office, 3125 Mitchell Building, 314-7746.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Records and Registrations Office, Mitchell Building. Upon presentation of identification students who have been enrolled since 1985 receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registrations Office (314-8240) if you have further questions.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.

Students interested in becoming tutors should call 405-4751 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

TEL-UM INFO—A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . .Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 314-INFO, 314-9515 and 314-9518 **In Maryland—314-INFO or 314-9518**

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- Listen to the message library.

Local 314-INFO, 314-9515 and 314-9518 and **In Maryland—YOU MUST DIAL 1 (800) then 314-INFO for access or Outside Maryland (301) 314-INFO, or 314-9515 314-9518**

Transcript Services

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UMCP Libraries

UMCP Libraries includes over 2 million volumes, approximately 3.6 million microform items, and approximately 23,000 current periodicals and newspapers, as well as 700,000 government documents, over 180,000 maps and 93,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Beginning December 22, 1990, the original McKeldin Library will be temporarily closed for renovation, and its collections and services will be available from the McKeldin addition and the Hornbake Library.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, and has a study room open 24 hours a day during spring and fall semesters. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the university community. Special sollections, including literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts and University of Maryland archives, U.S. government documents and maps are housed temporarily in the Hornbake Library, until the McKeldin renovation is complete. Besides Hornbake Library, other UMCP libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All UMCP student, faculty, and staff may borrow from all UMCP Libraries.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASIS OF

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap

- The exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If You feel you have been subjected to any form of discrimination, you may file a complaint with the member of the Human Relations Code Equity Team, which includes

MICHAEL POWELL, J.D.
Campus Compliance Officer
Human Relations programs
1107 Hornbake library
405-2838

EQUITY ADMINISTRATORS:

DR. AMEL ANDERSON (Deseg.)
College of Life Sciences
1224 Symons Hall
x5-2085

DR. MARILYN BERMAN (Aff. Act.)
College of Engineering
1137 Engineering Classroom Building
x5-3871

DR. CORDELL BLACK (Aff. Act.)
College of Arts and Humanities
1101 Frances Scott Key Hall
x5-4030

DR. GLADYS BROWN
Office of Human Relations
1107 Hornbake Library
x5-2838

DR. DARIO CORTES
Graduate Minority Affairs
2133 Lee Building
x5-4181

DR. WILLIAM CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
x5-2046

DR. RICHARD ELLIS
College of Computer, Mathematical & Physical Sciences
2300 Mathematics Building
x5-2313

MS. COLLEEN (COKE) FARMER
College of Health and Human Performance
2314 Health and Human Performance Bldg.
x5-2475

MS. SHARON FRIES-BRITT
Student Affairs
2108 Mitchell Building
x4-8431

MR. RAY GILLIAN
Office of the President
1111 Main Administration Building
x5-5795

MS. NANCY HILES
Institutional Advancement
2101 Turner Lab
x5-4631

DR. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
x5-1679

MR. GENE JOHNSON (Aff. Act.)
College of Life Sciences
1105 Symons Hall
x5-1176

DR. JEANETTE KREISER
College of Education
3119 Benjamin Building
x5-2339

DR. NOEL MYRICKS
College of Human Ecology
1204F Marie Mount Hall
x5-4007

MR. JAMES NEWTON
College of Engineering
1131L Engineering Classroom Bldg.
x5-3860

DR. WILLIAM POWERS
School of Public Affairs
2106 Morrill Hall
x5-6336

MR. STEPHEN SACHS
School of Architecture
1205 Architecture Building
x5-6314

DR. GREIG STEWART
College of Journalism
2115 Journalism Building
x5-2390

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Building
x5-1109

DR. MARY SUSAN TAYLOR
College of Business and Management
1153 Tydings Hall
x5-2240

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 314-3645.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College. In order to be eligible for a letter of permission you must meet these criteria:

- Be a Special or Regular student seeking an undergraduate degree from University College.
- Have successfully completed at least 15 semester hours of coursework with University College.
- Have a minimum cumulative grade point average (GPA) of 2.0 or higher at University College. If you were previously academically dismissed from UMCP and seek a letter of permission to attend that campus, your University College grade point average must be 2.5 or better.
- Have received at least a tentative evaluation completed by a University College academic advisor. (A tentative evaluation requies 4 to 6 weeks to prepare, so **ASK EARLY.**)
- Have requested an official evaluation from University College. (Before your official evaluation can be prepared, all official transcripts must be in your academic file.)
  Demonstrate genuine need to enroll at UMCP instead of University College.
  Be eligible for admission (or readmission) to UMCP.

If you are eligible, you may obtain the form to request a letter of permission to take courses at UMCP by writing the UMUC Office of Student Services at the Center of Adult Education, Room 0300, or by calling 985-7268. The deadline to submit a request form for a letter of permission for Spring 1991 is January 4, 1991.

Processing your request will take approximately four weeks, so you should submit your request well in advance of the time when you need the letter of permission to register at UMCP. Please note the approval is not automatic, that a letter of permission is valid only for undergraduate courses and for only one semester, and that you may receive letters of permission for no more than two consecutive semesters.

Credits earned through a letter of permission to attend UMCP will be evaluated as transfer credit. In order to have the credit evaluated, you must request that an official transcript be sent from the transcript office at UMCP to the University College Office of Admission. Coursework taken under a letter of permission does not satisfy the 30 s.h. residency requirement at University College, and it does not affect your University College grade point average.

University Health Center

The UM University Health Center is located across from the Stamp Union on Campus Dr. The services provided by the University Health Center include: primary care for illness and injury, health education and consultation, dental clinic, men's clinic, women's clinic, allergy clinic, skin care clinic, sports medicine, physical therapy (located in the HHP building), nutrition, mental health, social services, lab services, x-ray and a pharmacy. Individual and group health education programs are available on topics such as sexual health and contraception, stress management, substance abuse, date rape, dental health, and eating disorders. The University Health Center is Open 24 hours a day, seven days a week, with varied hours during semester breaks and holidays. Students are seen for routine care between 9:00 and 5:00 on weekdays. All currently registered students are eligible for care. While the student health fee covers most routine costs at the University Health Center, there are additional charges for x-rays, lab tests, dental treatment, allergy injections, physical therapy and pharmacy supplies. All students are encouraged to carry hospitalization insurance. All students' medical records are strictly confidential and may only be released by the student's consent or through court-ordered subpoena.

Health Center Phone Numbers

Information 314-8180
Appointments 314-8184
Mental Health 314-8106
Pharmacy 314-8167
Health Education 314-8128
Health Insurance 314-8165
Dental Clinic 314-8178

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

- Name
- Address
- Telephone Listing
- Date and Place of Birth
- Photograph
- Major Field of Study
- Participation in Officially Recognized Activities and Sports
- Weight and Height of Members of Athletic Teams
- Dates of Attendance
- Degrees and Awards Received
- Most Recent Provious Educational Institution Attended

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter. Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 314-8239.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course or program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

College Locations and Deans

College	Location	Dean	Office	Phone
Agriculture	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Architecture	1298 Architecture	Prof. Steven W. Hurtt	1212 Architecture	405-6284
Arts & Humanities	1111 Francis Scott Key	Dr. Robert Griffith	1102 Francis Scott Key	405-2109
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2127 Tydings	405-1697
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	405-2299
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. Richard H. Herman	2300 Math Bldg.	405-4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	405-2334
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg	405-3868
Graduate School	2nd floor, Lee Bldg.	Dr. Jacob Goldhaber	2133F Lee Bldg.	405-4176
Health and Human Performance	3310 Health and Human Performance Bldg.	Dr. John J. Burt	3310D HLHP Bldg.	405-2438
Human Ecology	1100 Marie Mount Hall	Dr. Laura Sims	1100 Marie Mount Hall	405-2358
Journalism	1117 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	405-2399
Library & Information services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	405-2033
Life Sciences	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	2105 Morrill Hall	405-6330
Undergraduate Studies	1115 Hornbake Library	Dr. Kathryn Mohrman	1115 Hornbake Library	405-9363

College Organizational Chart

COLLEGE OF AGRICULTURE

- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS CURRICULUM
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- UNDECIDED

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM:
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF:
- AMERICAN STUDIES
- ART
- ART HISTORY
- CLASSICS
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBEW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- RADIO/TELEVISION/FILM
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES
- WOMEN'S STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS/DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINAL JUSTICE
- CRIMINOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT & POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- URBAN STUDIES

BSOS COMPUTER LABORATORY
BUREAU OF BUSINESS AND ECONOMIC RESEARCH

CENTERS:
- CENTER FOR MINORITIES
- CENTER FOR POLITICAL LEADERSHIP AND DEVELOPMENT
- CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
- INDUSTRIAL RELATIONS AND LABOR STUDIES
- SURVEY RESEARCH

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR BUSINESS AND PUBLIC POLICY
CENTER FOR INNOVATION
CENTER FOR MANAGEMENT DEVELOPMENT
CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
SMALL BUSINESS DEVELOPMENT CENTER
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS & MANAGEMENT — GENERAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- MANAGEMENT SCIENCE
- MARKETING
- PERSONNEL & LABOR RELATIONS
- PRODUCTION MANAGEMENT
- STATISTICS
- TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING

DEPARTMENT OF
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- NUCLEAR ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- HEALTH EDUCATION
- KINESIOLOGY
- RECREATION

CENTER ON AGING

COLLEGE OF HUMAN ECOLOGY

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- HUMAN NUTRITION AND FOOD SYSTEMS
- TEXTILES AND CONSUMER ECONOMICS
- UNDECIDED

COLLEGE OF JOURNALISM

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- —MAGAZINE
- —NEWS
- —PHOTOJOURNALISM

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM:
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS:
- ENVIRONMENTAL POLICY
- NATIONAL SECURITY STUDIES
- PUBLIC POLICY AND PRIVATE ENTERPRISE
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
- ECONOMICS AND NATIONAL SECURITY PROGRAM
- NUCLEAR HISTORY PROGRAM
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
SEMINAR ON THE FOREIGN POLICY PROCESS

UNDERGRADUATE STUDIES

UNIVERSITY HONORS PROGRAM
GENERAL STUDIES PROGRAM (CLOSED)
INDIVIDUAL STUDIES PROGRAM
ALLIED HEALTH PROFESSIONS
PRE-DENTISTRY
PRE-MEDICAL
PRE-LAW
EXPERIENTIAL LEARNING PROGRAMS
UNDERGRADUATE ADVISING CENTER
CAREER DEVELOPMENT CENTER
INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
UPWARD BOUND
RETENTION OFFICE
TALENT SEARCH

Advisor List

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshmen and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Students in pre-majors: see advisor lists below.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 314-8418.

Academic Advisors

COLLEGE OF AGRICULTURE			
General Information			
Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	405-2080
Dr. William J. Higgins, Acting Associate Dean		ZOP-2224	405-6914
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Dr. Ronald J. Seibel, Assistant Dean (Acting)		JUL-2123	405-4685
AGRICULTURAL & RESOURCE ECONOMICS			
	Cain, J.	SYM-2106	405-1265
	Foster, P. (Coord.)	SYM-2102	405-1270
	Hardie, I.	SYM-2222B	405-1284
	Horowitz, J.	SYM-2108	405-1273
	Leathers, H.	SYM-3200F	405-1277
	Lessley, B.	SYM-2213	405-1278
	Tuthill, D.	SYM-2220	405-1269
	Wysong, J.	SYM-2214	405-1288
AGRICULTURAL ENGINEERING			
	Shermohammadi, A.	SHR-1108	405-1185
	Stewart, L.E.	SHR-1130	405-1193
AGRICULTURAL & EXTENSION EDUCATION			
	Miller, M.	SYM-0222	405-2333
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	405-1330
Soils	Weil, R.	HJP-1103	405-1311
Turf & Urban Agronomy	Carroll, M.	HJP-1114	405-1339
Conservation — Soil, Water & Environment	Weil, R.	HJP-1103	405-1311
ANIMAL SCIENCE			
Coordinator	DeBarthe, J.	ANS-1103	405-1374
Dairy/Livestock	DeBarthe, J.	ANS-1103	405-1374
Poultry	Doerr, J.	ANS-3129A	405-5775
COMBINED DEGREE CURRICULUM			
College of Agriculture	DeBarthe, J.	ANS-1103	405-1374
Veterinary Medicine	Ingling, A.	GVC-1219	935-6083
FOOD SCIENCE			
	Westhoff, D. (Coord.)	ANS-3115	405-1366
	Schlimme, D.	HZF-1122B	405-4347
GENERAL AGRICULTURE			
	Grant, L.P.	SHR-0102	405-1179
HORTICULTURE			
Crop Production & Science			
(A-J)	McClurg, C.A.	HZF-1122C	405-4342
	Graves, W.	HZF-1113	405-4338
(K-R)	Gouin, F.	HZF-1120A	405-4374
(S-Z)	Hershey, D.	HZF-1105A	405-4341
Landscape Design			
Freshman and Transfers	Scarfo, R.	HZF-2103	405-4346
Sophomore	Pihlak, M.	HZF-2109A	405-4350
Junior	Hamed, S.	HZF-2109B	405-4339
Senior	Choose one from above		
NATURAL RESOURCES MANAGEMENT			
	Kangas, P.	SYM-0218	405-1258
UNDECIDED AGRICULTURE	Grant, L.P.	SHR-0102	405-1179
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. Robert Griffith, Dean		KEY-1101	405-2109
College Advisor			
Undergraduates	Bondurant, D.	KEY-1111	405-2110
	DiPaolo, T.	KEY-1111	405-2110
	Moore, T.	KEY-1111	405-2110
General Information			
AMERICAN STUDIES PROGRAM	Kelly, G.	TLF-2140B	405-1354
ART	Kehoe, P.	ASY-1M320	405-1442
ART HISTORY	Denny, D.	ASY-4214	405-1479
CHINESE	Sargent, S.	JMZ-4223	405-2853
CLASSICAL HUMANITIES	Doherty, L.	JMZ-4210	405-2013
COMPARATIVE LITERATUE	Peterson, C.	JMZ-4223	405-2853
DANCE	Wiltz, A.	TEE	405-3180
ENGLISH	Loizeaux, B.	TLF-1122	405-3825
FRENCH & ITALIAN	Bondarant, D.	JMZ-3106F	405-4024
GERMAN	Fagan, S.	JMZ-3215	405-4091
GREEK	Staley, G.	JMZ-4210	405-2013
HEBREW	Berlin, A.	JMZ-4210	405-4239
HISTORY	Nicklason, F.	KEY-2116	405-4265
HOUSING AND DESIGN			405-4380
Advertising Design	Roper, J.	MMH-1401	405-3128
	Gripps, T.	MMH-1401E	405-4385
	Thorpe, J.	MMH-2407E	405-4399
	Dean, S.	MMH-2407D	405-4396
Interior Design	Eckersley, M.	MMH-1401D	405-4384
	Fabiano, F.	MMH-2407F	405-4394
Housing	Bonta, J.	MMH-1401	405-4377
JAPANESE	Chen, A.	PKT-1105	405-3128
LATIN	Kerkham, E.	JMZ-2106	405-4239
LINGUISTICS	Staley, G.	JMZ-4210	405-2013
MUSIC	Lebeaux, D.	MIL-1113	405-7002
PHILOSOPHY	Jones, P.	TWS-2110	405-5549
RADIO, TELEVISION & FILM	Pasch, A.	SKN-1198	405-5714
RUSSIAN AREA STUDIES	Robinson, E.	TWS-0202	405-6264
RUSSIAN LANGUAGE & LITERATURE	Majeska, G.	KEY-2165	405-4265
SPANISH & PORTUGUESE	Pfister, G.	JMZ-3215	405-4091
SPEECH COMMUNICATION	Little, K.	JMZ-2202	405-6441
THEATRE	Meacham, C.	TWS-0148A	405-6523
WOMEN'S STUDIES	O'Leary, R.	TWS-0238	405-6676
UNDECIDED MAJORS	Prete, S.	MIL-1115	405-6877
	Bondurant, D.	KEY-1111	405-2110

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1679
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	405-1679
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	405-1684
Mr. Thomas S. Hiles, Director of Development		TYD-2141	405-1687
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service	Scholl, G.	TYD-2115	405-1697
Records	Villamizar, A.	TYD-2115	405-1697
Candidate Clearance		TYD-2115	405-1697
Coordinator of Advising	Hillman, L.	TYD-2115	405-1697
College Academic Advisors	Marcks, L.	TYD-2115	405-1697
	Stedfield, R.	TYD-2115	405-1697
Minority Center	Langa, M.	LEF-2201	405-1708
UNDERGRADUATE PROGRAMS			
AFRICAN AMERICAN STUDIES PROGRAM	Best, D.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	405-4729
ECONOMICS	Meyers, P.	TYD-3145	405-3503
	McCullough, L.	TYD-3127	405-3503
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Terchek, R.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, J.	LEF-0138	405-4214
PSYCHOLOGY	Scholnick, E.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
URBAN STUDIES	Baum, H.	LEF-1159	405-6799

UNDECIDED — See a college advisor.
PRE-ECONOMICS — Students Admitted for Fall 1987 and later — your advising location is the College of Behavioral and Social Sciences, Rm. 2115, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Associate Dean			
Dr. Henry P. Sims, Director, Ph.D. Program			
Mr. Mark Wellman, Director, Masters Programs			
Dr. J. G. Mattingly, Assistant Dean of Undergraduate Studies			
Dr. D. King, Director of Undergraduate Student Services			
Ms. Eleanor Warsinsky, Assistant Director, Advisor Consultant			
Ms. Stella Mirhadi, Advisor Consultant			
Undergraduate Advisors	Busch, H.	TYD-2136	405-2286
	Remmetts, L.	TYD-2136	405-2286
	Slack, J.	TYD-2136	405-2286
Records Office, Business	Pometto, J.	TYD-2136	405-2286
	Scott, T.	TYD-2136	405-2286
	Slack, J.	TYD-2136	405-2286

PRE-BUSINESS — Your advising locaton is the Undergraduate Advising Center.

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. Richard H. Herman, Dean		MTH-2300	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	405-2286
Ms. Beverly J. Lucas, Advisor/Consultant		MTH-2300	405-2677
Student Records	Lucas, B.	MTH-2300	405-2677
	Coleman, R.	MTH-2300	405-2677
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	405-3001
COMPUTER SCIENCE (special problems)	Kaye, G.	AVW-1103	405-2672
GEOLOGY	Wylie, A.	GEO-1115	405-4365
	Stifel, P.	GEO-1115	405-4365
MATHEMATICS	Lipsman, R.	MTH-1117	405-5053
PHYSICS	Crabill, J.	PHY-1120	405-5980
PHYSICAL SCIENCES	Williams, T.	MTH-2300	405-2677

PRE-COMPUTER SCIENCE AND PRE-ENGINEERING — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION			
General Information			
Dr. Dale Scannell Dean		EDU-3119	405-2353
Graduate Student Services	Campbell, E.G.	EDU-1205	405-2350
Undergraduate Student Services	Lewis, A.	EDU-1210	405-2350
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Carbone, R.	EDU-3112B	405-2374
	Agre, E.	EDU-2110E	
	Finkelstein, B.	EDU-3112G	

	Hopkins, R.	EDU-2103	
	Huden, D.	EDU-2110D	
	Lindsay, R.	EDU-0101C	
	Male, G.	EDU-2110B	
	Noll, J.	EDU-2110B	
	Splaine, J.	EDU-2215	
COUNSELING & PERSONAL SERVICES	Rosenfield, S.	EDU-3214C	405-2858
School Psychology	Pumroy, D.	EDU-3214B	
	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
School Counseling	Greenberg, K.	EDU-3222	
	Rhoads, D.	EDU-3234C	
Community Counseling	Schlossberg, N.	EDU-3228	
College Student Personnel		EDU-3128	
Counseling Psychology	Birk, J.	EDU-3215	
	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Lawrence, R.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM AND INSTRUCTION	Howe, A.	EDU-2311B	405-3324
Early Childhood	Amershek, K.	EDU-2207B	
	Fein, G.	EDU-0311F	
	Saracho, O.	EDU-1117	
Elementary Education			
	Eley, G.	EDU-2219	
	Herman, W.	EDU-2227	
	Jantz, R.	EDU-2229	
	Johnson, M.	EDU-2209	
	Roderick, J.	EDU-2231	
	Weaver, P.	EDU-2233	
Secondary Education			
Art	Craig, R.	EDU-2304C	
	McWhinnie, H.	EDU-2304C	
English/Speech	McCaleb, J.	EDU-2304J	
	Slater, W.	EDU-2311J	
Foreign Language	DeLorenzo, W.	EDU-2304G	
	Markham, P.	EDU-2223	
	Campbell, P.	EDU-2304F	
	Carey, D.	EDU-2204	
	Davidson, N.	EDU-2207A	
	Henkelman, J.	EDU-2223	
Music	Folstrom, R.	TSW-3141	
Physical Education	Owens, L.	HHP-2338	
Reading	Brigham, B.	EDU-1117	
	Davey, B.	EDU-2304K	
	Dreher, J.	EDU-1117	
	Gambrell, L.	EDU-1117	
	Wilson, R	EDU-1117	
Science	Dierking, L.	EDU-2219	
	Holiday	EDU-0231	
	Layman, J.	EDU-0211	
	Lockard, D.	EDU-0211	
Social Studies	Cirrincione, J.	EDU-2227	
	Farrell, R.	EDU-2227	
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Erekson, T.	JMP-3216	405-4539
Industrial Arts	Beatty, C.	JMP-3216J	
	Leutkemeyer, J.	JMP-3216H	
Industrial Technology	Elkins, R.	JMP-3216F	
	Mietus, W.	JMP-3216D	
	Sullivan, D.	JMP-3216S	
Vocational Education	Herschbach, D.	JMP-3216F	
	Stough, K.	JMP-3216B	
Business Education	Boyce, J.	JMP-2210	
	Peters, R.	JMP-2210C	
	Spear, M.	JMP-3216	
Home Economics Education	Hultgren, F.	JMP-2210	
HUMAN DEVELOPMENT INSTITUTE FOR CHILD STUDY	Robertson-Tchabo, E.	EDU-3304	405-2827
	Tyler, B.	EDU-3304	
MEASUREMENT, STATISTICS AND EVALUATION			
SPECIAL EDUCATION	Lissitz, A.	EDU-1228	405-3624
	Angeletti, K.	EDU-1235	
	Beckman, P.	EDU-1311E	
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1308	
	Egel, A.	EDU-1311G	
	Graham, S.	EDU-1311F	
	Harris, K.	EDU-1308	
	Harry-Belcher, B.	EDU-0102	
	Hebeler, J.	EDU-1308	
	Kohl, F.	EDU-1311C	
	Leone, P.	EDU-1311B	
	Lieber, J.	EDU-0102	
	Malouf, D.	EDU-1220	
	Neubert, D.	EDU-0102	
	Noel, M.	EDU-2304	
	Simms, B.	EDU-1311D	
	Speece, D.	EDU-1308	

PRE-EDUCATION — Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter		EGR-1137	405-3868
James Newton, Assistant to the Dean		EGR-1131	405-3855
Counselors	Fines, J.	EGR-1131	405-3855
	Reid, O.	EGR-1131	405-3855
	George, D.	EGR-1131	405-3855
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	405-3878
Lawanda Saddler-Assem, Assistant Director		EGR-1134	405-3878
AEROSPACE	Barlow, J.	WTU-2102	405-6861
AGRICULTURAL	Stewart, L.	SHR-1130C	405-1193
CHEMICAL	Regan, T.	CHE-2139	405-1935
CIVIL	Garber, D	EGR-1163	405-1952
ELECTRICAL	Pugsley, J.	EGR-3186	405-3685
FIRE PROTECTION	Bryan, J.	EGR-0147	405-3996
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-239A	405-5207
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862

PRE-ENGINEERING — Students admitted for Fall 1987 and later — Your advising location is the College of Computer, Math & Physical Sciences Rm 2300, Math bldg.

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information

Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2438
Lu Hoxie, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Tyler, R.	HHP-2310	405-2473
Teacher Education and Pre-Phys Educ	Owens, L.	HHP-2338	405-2495
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Annand, V.	HHP-2356	405-2508
HEALTH EDUCATION			
Community Health, School Health & Pre-Hlth	Hyde, D.	HHP-2374	405-2523

PRE-HEALTH & PRE-PHYSICAL EDUCATION — Your advising location is the College of Health and Human Performance, Pre-Health — Room 2374 Pre-Physical Education — Room 2338

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. Laura Sims, Dean		MMH-1100F	405-2358
Dr. Jo Paoletti, Assistant Dean		MMH-1300	405-2368
Student Affairs & Support Services Center			
Advisors		MMH-1300	405-2365
Undergraduate Student Records	Hay, G.	MMH-1300	405-2369
FAMILY & COMMUNITY DEVELOPMENT			
Family Studies	Billingsley, A.	MMH-1204A	405-4002
	Anderson, E.	MMH-1204	405-4010
	Epstein, N.	MMH-1204C	405-4013
	Gaylin, N.	MMH-1204D	405-4005
	Lesle, L.	MMH-1204J	405-4011
	Myricks, N.	NNH-1204E	405-4007
	Rubin, R.	MMH-1204L	405-4004
	Werlinich, C.	MMH-1218B	405-4017
Management and Consumer Studies			
	Churaman, C.	MMH-1204F	405-4008
	Hanna, W.		405-4005
	Koblinsky, S.		405-4009
HUMAN NUTRITION AND FOOD SYSTEMS			
Dietetics	Read, M.	MMH-3304B	405-2143
	Curtis, S.	MMH-3307	405-4532
	Jackson, R.	MMH-3102	405-4533
	Prather, M.	MMH-3306	405-4531
Experimental Foods	Choi, Y.	MMH-3302	405-4524
Food Services Administration	Norton, V.	MMH-3215	405-4928
	Noble, J.	MMH-3307	405-4530
Human Nutrition and Foods	Ahrens, R.	MMH-3301	405-4523
	Moser-Veillon, P.	MMH-3308	405-4502
TEXTILES AND CONSUMER ECONOMICS			
Apparel Design	Smith, B.	MMH-2100A	
	Anderson, C.	MMH-2108	405-6672
Tex. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	405-6645
	Hacklander, E.		405-6673
	Wagner, J.	MMH-2100D	405-6649
Consumer Economics	Brannigan, V.	MMH-1411	405-6667
	Dardis, R.	MMH-2106A	405-6645
	Ettensen, R.	MMH-2100F	405-6652
Textiles	Mokhtari, M.	MMH-0303C	405-6671
	Stapleton, D.	MMH-2108	405-6642
	Whittington, L.	MMH-2108	405-6652
	Block, I.	MMH-2100H	405-6652
	Grover, G.	MMH-0303A	405-6671
	Pourdeyhimi, B.	MMH-2100G	405-6653
	Smith, B.	MMH-2100A	405-6657
	Spivak, S.	MMH-2100E	405-6651
	Yeh, K.	MMH-2100B	405-6647

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Undergraduate Advisors	Bennett, M.	JRN-1117	405-2399
	Engartner, K.	JRN-1117	405-2399
	Massie, T.	JRN-1117	405-2399
	Voorhees, R.	JRN-1117	405-2399

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Claude Walston, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D.	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information

Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	405-2080
Dr. William S. Higgins, Acting Associate Dean		ZOP-2224	405-6914
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Arnel Anderson, Assistant Dean		SYM-1224	405-2085
BOTANY			
	Barnett, N.	HJP-1219	405-1597
CHEMISTRY/BIOCHEMISTRY			
	Harwood, W. (Coord.)	CHM-1309	405-1791
GENERAL BIOLOGICAL SCIENCES			
	Olek, A. (Director)	ZOP-1201	405-6904
Animal Science Emphasis	Klavon, A.	SYM-1224	405-2080
Botany Emphasis	Barnett, N.	HJP-1219	405-1597
Chemistry Emphasis	Klavon, A.	SYM-1224	405-2080
Ecology Emphasis	Koines, P.	HJP-1219	405-1597
Entomology Emphasis	Armstrong, E.	SYM-2309	405-3925
Genetics Emphasis (A-B)	Benson, S.	MCB-3136	405-5478
(C-G)	Capage, M.	MCB-3122	405-5474
(H-K)	Voll, M.	MCB-2114	405-5449
(L-Z)	Barnett, A.	ZOP-3216	405-6904
Marine Biology Emphasis (A-D)	Small, E.	ZOP-3206	405-6904
(E-L)	Dietz, J.	ZOP-4206	405-6904
(M-Z)	VanValkenburg, S.	HJP-1219	405-1597
Microbiology Emphasis	Smith, A.	MCB-2107	405-5443
Physiology Emphasis (A-M)	Ades, A.	ZOP-2248	405-6904
(N-T)	Carter, S.	ZOP-4224	405-6904
(U-Z)	Inouye, D.	ZOP-4206	405-6904
Zoology Emphasis	Presson, J.	ZOP-2229	405-6904
Generalist — No Emphasis	Armstrong, E.	SYM-1224	405-2080
	Barnett, A.	SYM-1224	405-2080
	Barnett, N.	SYM-1224	405-2080
	Chao, L.	SHY-1224	405-2080
	Hellman, L.	SHY-1224	405-2080
	Inouye, D.	SHY-1224	405-2080
	Klavon, A.	SHY-1224	405-2080
	Lamp, W.	SHY-1224	405-2080
	MacQuillan, A.	SHY-1224	405-2080
	Olek, A.	SHY-1224	405-2080
	Palmer, M.	SHY-1224	405-2080
	Raupp, M.	SHY-1224	405-2080
	Smith, A.	SHY-1224	405-2080
	VanValkenburg, S.	SHY-1224	405-2080
	Weiner, R.	SHY-1224	405-2080
	Wilkinson, J.	SHY-1224	405-2080
	Yuan, R.	SHY-1224	405-2080
GBS Honors Students	Berg, L.	HJP-1225	405-1509
MICROBIOLOGY			
(A,B)	Benson, S.	MCB-3136	405-5478
(C,D)	Capage, M.	MCB-3122	405-5474
(E,F,G,H)	Cook, T.	MCB-3115	405-5471
(I,J,K)	Hetrick, F.	MCB-1109	405-5444
(L,M)	Joseph, S.	MCB-2118	405-5452
(N,O,P,Q)	Smith, A. (Coord.)	MCB-2107	405-5443
(R,S)	Voll, M.	MCB-2114	405-5449
(T,U,V)	Cook, T.	MCB-2111	405-5446
(W,X,Y,Z)	Yuan, R.	MCB-1117	405-5472
	MacQuillan, A.	MCB-3117	405-5472
ZOOLOGY			
Director	Presson, J.	ZOP-2229	405-6904
Undergraduate Studies	Ades, I.	ZOP-2248	405-6917
	Barnett, A.	ZOP-3216	405-6923
	Carter, S.	ZOP-4222	405-6940
	Chao, L.	ZOP-4204	405-6945
	Dietz, J.	ZOP-4247	405-6949
	Goode, D.	ZOP-3264	405-6935
	Imberski, R.	ZOP-3260	405-6929
	Inouye, D.	ZOP-4206	405-6946
	Linder, H.	ZOP-3202	405-6934
	Palmer, M.	ZOP-4244	405-6948
	Small, E.	ZOP-3206	405-6895
	Wilkinson, J.	ZOP-4224	405-6942
UNDECIDED LIFE SCIENCES			
	Klavon, A.	SYM-1224	405-2080
	Anderson, A.	SYM-1224	405-2085
PRE-PROFESSIONAL			
	Bradley, L.	TUR-3103	405-2793
GENERAL BIOLOGICAL SCIENCES			
	Olek, A. (Director)	ZOP-1201	405-6904
Animal Science Emphasis	Olek, A.	ZOP-1201	405-6904
Botany Emphasis	Motta, J.	HJP-4108	405-1654
Chemistry Emphasis	Klavon, A.	SYM-1224	405-2080
Ecology Emphasis	Olek, A.	ZOP-1201	405-6904
Entomology Emphasis	Armstrong, E.	SYM-2309	405-3925
Genetic Emphasis	Olek, A.	ZOP-1201	405-6904
Marine Biology Emphasis	Olek, A.	ZOP-1201	405-6904
Microbiology Emphasis	Cook, T.	MCB-3115	405-5471
Physiology Emphasis	Olek, A.	ZOP-1201	405-6904
Zoology Emphasis	Imberski, R.B.	ZOP-2229	405-6904
Undeclared/Generalist	Barnett, N.	HJP-3214	405-1597
	Berg, L.	HJP-1225	405-1597
	Bottrell, D.	SYM-2126	405-1597
	Koines, P.	HJP-1227	405-1597
	Lamp, W.	TUR-3110	405-1597
	VanValkenburg, S.	HJP-3226	405-1597

UNDERGRADUATE STUDIES

Dr. Kathryn Mohrman, Dean		HBK-1115	405-9363
Dr. Roger McIntire, Associate Dean		HBK-1115	405-9363
Dr. David Sammons, Associate Dean		HBK-1115	405-9363
Dr. Susan Koonce, Assistant Dean		HBK-1115	405-9363
Dr. Bonnie Oh, Assistant Dean		HBK-1115	405-9363

BACHELOR OF GENERAL STUDIES DEGREE PROGRAM

(Program closed, no new admission)

HEALTH PROFESSIONS ADVISING

Pre-Dentistry			
Pre-Medicine			
Pre-Dental Hygiene			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Bradley, L.	TUR-3103	405-2793
Pre-Dental Hygiene			
Pre-Medical Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	405-2793

INDIVIDUAL STUDIES PROGRAM

Dr. Bonnie Oh, Assistant Dean		HBK-1115	405-9355

UNDERGRADUATE ADVISING CENTER (UAC)

Dr. Betty Beckley, Assistant Dean		HBK-1117	314-8418
UAC ADVISORS			
Freshmen	Dr. Wendy Whittemore	HBK-1117	314-8418
Student Athletes	Tom Steen	HBK-1117	314-8418
Transfers	Bonnie Zager	HBK-1117	314-8418
Pre-Business	Stella Mirhadi	HBK-1117	314-8418
Human Ecology Interest Area	Susan Rodgers	HBK-1117	314-8418
General Advisors	Saba Bokhari	HBK-1117	314-8418
	Roger Dashevsky	HBK-1117	314-8418
	Maria Gomez	HBK-1117	314-8418
	John Guerrero	HBK-1117	314-8418
	Lisa Koch	HBK-1117	314-8418
	Joe Meko	HBK-1117	314-8418
	Lori Hartley	HBK-1117	314-8418
	Harriet Nokuri	HBK-1117	314-8418
	Sarah Russell	HBK-1117	314-8418
Pre-Law	Ulysses Connor, JD	HBK-1117	314-8418

OFFICE OF MINORITY STUDENT EDUCATION (OMSE)

Academic Support Unit

Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Ziegler, Research Coordinator	HBK-1101	405-5616
Joel Smith, Academic Coordinator	HBK-1101	405-5616
Philip Mack, Coordinator Outreach & Programs	HBK-1101	405-5616

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numberical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

X NUMBER OF CREDITS IN THE COURSE = TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

SEMESTER G.P.A. = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34 / 16 = 2.125

CUMULATIVE G.P.A. = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108 / 43 = 2.511

SATISFACTORY PERFORMANCE
A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3,500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE
Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.799-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.** A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES
1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses. DROP courses, or CHANGE SECTIONS, PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Studets will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

Repeating Courses

1. Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a 'W' notation will count as one of these two registrations.
3. Incompletes — The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the new Repeat Policy see page 15 or your academic advisor.

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) for *academic purpses* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students are limited to **19 credit hours** per semester. Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Lillian Doherty, located in room 4202 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 203 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French or have studied less than two years in high school. FREN 102 (FREN 102H) is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 203 (or the accelerated version, FREN 122, or the Honors version, 203H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Spanish Department: Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necesitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H, 103, 203, or 204. See individual course descriptions for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

Spanish 101
0 years of Spanish
Level I Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A or B

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below

Spanish 203
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 204 or 205
Spanish 203 at the University of Maryand or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 204 for natives
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Tsung Chin, before they will be permitted to enroll for any Chinese language course (excepting CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, January 22 at 3:00 p.m and Wednesday, January 30 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways:

1. Successful completion of a **12-credit sequence** or **intermediate level in college language courses.**
2. Successful completion of **level 4 in one language** or **level 2 in each of 2 languages** in high school.
3. Successful completion of a **language placement examination** in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

New Core General Education Program — SEE BELOW

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Consumer Economics, Design, Economics, Education, Engineering, Journalism, or Radio, Television and Film, should contact the Office of Undergraduate Admissions, 314-8378, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours of college credit with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0.
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* MATH 001* MATH 002*

Although these courses carry credit for billing and student classification purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

* CHEM 001, and MATH 001/002 fees are also discussed under Fees and Expenses.

GENERAL EDUCATION REQUIREMENTS

The Purpose of General Education

In addition to completing a major course of study, students are required to complete a set of general education requirements. These requirements are intended to expose students to broad areas of historic and contemporary human thought and experience. General education permits a graduating student to make the claim that he or she is truly an "educated" person. In a world of rapid economic, social, and technological change, the importance of a broadly based education remains paramount. Important societal questions and problems demand answers based on the broad perspective afforded by general education. Participation in a democratic society requires more than the core training provided by the major field of study. It is general education which makes the University more than merely a job-training institution. General education requirements ensure that a wide range of abilities and knowledge is developed, and that students have the intellectual integration and awareness which will prepare them for the developments and changes they will experience in their personal, social, political, and professional lives.

At College Park, the general education program has three major components:

FUNDAMENTAL STUDIES: These courses are intended to establish the student's ability to participate in the discourse of the University through demonstrated mastery of written English and mathematics. These requirements ensure that every student will have the tools necessary for success in higher education, and in the world beyond.

DISTRIBUTIVE STUDIES: These courses cover the broad areas of knowledge with which each student should be familiar. They serve as an introduction to the different kinds of knowledge and nature of scholarship in the humanities, physical and life sciences, mathematics, and social sciences. Students generally take distributive courses in the first two years of their coursework.

ADVANCED STUDIES: These courses continue the broadening experience of the Distributive Studies courses, with the opportunity to cultivate higher-level critical thinking skills in the analysis of problems. They provide reflection upon contemporary problems in areas outside majors. Students take the advanced studies courses in their junior and senior years.

The general education requirements represent a third of the total academic work required for graduation and are designed to be spread throughout the student's four years of baccalaureate study.

Statement on Applicability of the New CORE Program and the USP Program

At College Park, the Campus Senate and the Board of Regents have recently approved a new general education program. This program, called CORE LIBERAL ARTS AND SCIENCES STUDIES (CORE), must be completed by all students entering in May 1990 and thereafter with 8 or fewer credits earned at this or any other college. AP credit does not apply to this determination. Students who enter and have completed nine (9) or more credits before May 1990 from this or any other college will complete their general education requirements under the UNIVERSITY STUDIES PROGRAM **(USP).** They may, however, choose the new CORE program if they so desire. Each program is outlined below and lists of approved courses for each are provided.

Statement on Statute of Limitation for Previous GEP and GUR Programs

Undergraduate students returning or transferring to College Park after August 1987 will no longer have the option of completing general education requirements under the older General Education Program (GEP) or the General University Requirements (GUR). Thereafter, following any substantive change in general education requirements, undergraduate students returning or transferring to College Park after a separation of five continuous years must follow the requirements in effect at the time of reentry. Exceptions may be granted to those students who at the time of separation had completed sixty percent (60%) of the general education requirements then in effect.

Students from Maryland public community colleges shall be treated as if registration dates were concurrent with enrollment at College Park. Other exceptions to this policy may be appealed to the Dean of Undergraduate Studies.

CORE Program Description

The CORE liberal Arts and Sciences Studies Program (CORE).

This program must be completed by all students entering in May 1990 and thereafter with eight (8) or fewer credits from this or any other college. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy CORE requirements **MAY NOT** be taken on a Pass/Fail basis.

FUNDAMENTAL STUDIES (CORE)

Nine (9) credits required. List of approved CORE courses follows CORE program outline.

1. Freshman Composition — 3 credits
   Exemptions: a. Students with SAT verbal score 600 or above.
   b. Students with an AP English score of 4 or 5.
2. Advanced Writing — 3 credits (Taken after completion of 56 credit hours.)
   Exemptions: Students with an A in ENGL 101 **(NOT ENGL 101A OR 101X),** except for students majoring in Engineering.

(Note: No exception is granted for achievement on the SAT verbal exam.)

3. Mathematics — 3 credits
   Exemptions: a. Students with an SAT math score of 600 or above.
   b. Students with College Board Achievement Test in Mathematics, Level I or II, score of 600 or above.
   c. Students with an AP score of 3 or above in Calculus AB or BC.
   d. Students with any CLEP Subject Examination in Mathematics score of 60 or above.

DISTRIBUTIVE STUDIES (CORE)

Twenty-eight (28) credits minimum required. List of approved CORE courses follows CORE program outline.

Humanities and the Arts — 9 credits
Students must choose one course from A., one from B., and one additional course from either A., B., or C.
- A. One Literature
- B. One History/Theory of the Arts
- C. Humanities

Mathematics and the Sciences — 10 credits
No more than two courses from A or B, no more than one course from C. One must include or be accompanied by a laboratory.
- A. Physical Science
- B. Life Science
- C. Mathematics or formal reasoning

Social Science — 9 credits
- One social or political history
- Two behavioral and social science

ADVANCED STUDIES (CORE)

Six (6) credits required. List of approved courses will be available in 1991. See your undergraduate advisor.

One course in Analysis of Social & Ethical Problems. (Outside of student's major)
One of the following options:
A second course in Analysis of Social & Ethical Problems. (Outside of student's major)
or
A course in Development of Knowledge. (Outside of student's major)
or
An approved Capstone Course. (Within student's major)

HUMAN CULTURAL DIVERSITY (CORE)

One (1) course required. List of approved core courses follows program outline.

Focus must be on (a) history, status, treatment, or accomplishment of women or minority groups and subcultures, or (b) non-Western culture. Course may, but need not be drawn from either Distributive or Advanced Studies; it may be satisfied with any major, supporting, or elective course from the approved list.

APPROVED COURSE LISTS FOR CORE PROGRAM

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE requirements if it appears on the following list of approved courses for CORE. Courses used to satisfy CORE program requirements **MAY NOT** be taken on Pass/Fail basis. Please refer to page 21 for a complete statement on the Pass/Fail policy. **Not all courses are offered each semester. Check the current course listings for course availability.** Course numbers are subject to change. Please check with departments for verification of previous numbers. See course listings in this *Schedule* and the *Undergrduate Catalog* for pre and co-requisite information.

Courses will be added to the approved CORE course lists as they are approved for inclusion in CORE. Please check with your advisor at registration time for any updates.

FUNDAMENTAL STUDIES (CORE): Approved Courses

FRESHMAN COMPOSITION (CORE) 3 credits, one course; must be completed by 30 credit level:

ENGL	101	Introduction to Writing
ENGL	101A	(Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL	101X	(Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: (1) a score of 550 on the TOEFL, (2) a score of 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute, or (3) successful completion of the Institute's semi-intensive course in English. Based on scores from either the TOEFL or CELT a student might be required to complete a program of English language instruction for non-native speakers through the Maryland English Institute **before** being allowed to register for ENGL 101X.)

ADVANCED WRITING (CORE) 3 credits, one course, taken after completion of 56 credit hours:

ENGL	391	Advanced Composition
ENGL	391X	Advanced Composition (ESL)
ENGL	392	Advanced Composition (Pre-Law)
ENGL	393	Technical Writing
ENGL	393X	Technical Writing (ESL)
ENGL	394	Business Writing
ENGL	395	Technical Writing (pre-med and health careers)

MATHEMATICS (CORE) 3 credits, one course; must be completed by 30 credit level:

MATH 110	Elementary Mathematical Models
or	
MATH 115	Precalculus
or	
Any 100 or 200 level mathematics or statistics course, except MATH 210 and 211.	

General Education Requirements

DISTRIBUTIVE STUDIES (CORE): Approved Courses

HUMANITIES AND THE ARTS (CORE) 9 credits

CORE LITERATURE COURSES:

CHIN	213	Chinese Poetry into English: An Introduction
CHIN	315	Modern Chinese Literature in Translation
CLAS	100	Classical Foundations
CLAS	170	Greek and Roman Mythology
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
CLAS	372	Classical Epic
ENGL	201	Western World Literature, Homer to the Renaissance
ENGL	202	Western World Literature, Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	211	English Literature from the Beginnings to 1800
ENGL	212	English Literature from 1800 to the Present
ENGL	221	American Literature: Beginning to 1865
ENGL	222	American Literature: 1865 to the Present
ENGL	234	Introduction to African-American Literature
ENGL	240	Introduction to Fiction, Poetry, and Drama
ENGL	241	Introduction to the Novel
ENGL	242	Introduction to Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	250	Introduction to Literature by Women
FREN	241	Women Writers of French Expression in Translation
FREN	242	Black Writers of French Expression in Translation
FREN	250	Readings in French
FREN	351	French Literature from the Revolution to the Present
FREN	352	French Literature from the Middle Ages to the Revolution
GERM	282	Germanic Mythology
GERM	285	German Film and Literature
GERM	349M	Germanic Literatures in Translation: Masterworks of Yiddish Literature
GERM	383	Viking Culture and Civilization
GERM	384	Germanic Chivalric Culture
GERM	389C	Topics in Germanic Culture: The Ancient Celts
GERM	389I	Topics in Germanic Culture: Ancient India
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HONR	138A	Classical Mythology and the Arts
HONR	138B	Images of Masculinity in Twentieth Century American Literature and Film
HONR	138C	Thanatos: The Many Meanings of Death
HONR	138D	The Story: In Short
HONR	138F	Varieties of Religious Experience in Modern Fiction
HONR	138J	Literature and Madness
HONR	138K	Nature and Place: A Course in Non-Ficton Prose
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from Renaissance to the Present
RUSS	328	19th Century Russian Literature in Translation
SPAN	221	Readings in Spanish
SPAN	223	Rhetorical Strategies and Society in Golden Age Texts
SPAN	224	Violence and Resistance in the Americas
SPAN	321	Survey of Spanish Literature: 12th to 17th Century
SPAN	322	Survey of Spanish Literature: 18th to 20th Century
SPAN	323	Survey of Spanish-American Literature I
SPAN	324	Survey of Spanish-American Literature II

CORE HISTORY/THEORY OF THE ARTS COURSES:

AMST	205	Material Aspects of American Life
ARCH	170	Introduction to the Built Environment
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa
ARTH	290	Art of Asia
DANC	200	Introduction to Dance
DESN	204	History of Design
DESN	362	Ideas in Design
ENGL	245	Film and the Narrative Tradition
HONR	138E	Art and Vision
HONR	138I	Watching Poetry/Reading TV
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	210	The Impact of Music on Life
WMST	250	Introduction to Women's Studies: Women, Art, and Culture

CORE HUMANITIES COURSES:

AASP	200	African Civilization
AMST	201	Introduction to American Studies
AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
EDPA	210	Historical and Philosophical Perspectives on Education
GERM	280	German-American Cultural Contrast
HIST	110	The Ancient World
HIST	112	The Rise of the West: 1500-1789
HONR	118A	In Search of Ancient Astronomies
HONR	118B	Individual Rights from Cicero to Rand
HONR	118C	Western Intellectual Heritage: The Hero and Society
HONR	138G	Literature, Landscape and Heritage
LING	240	Language and Mind
PHIL	100	Introduction to Philosophy
PHIL	103	Self and Identity
PHIL	110	Plato's Republic
PHIL	140	Contemporary Moral Issues
PHIL	243	Philosophy of Rural Life
PHIL	245	Political and Social Philosophy I
PHIL	250	Philosophy of Science I
PORT	224	Brazilian Culture in English
RUSS	281	19th Century Russian Culture
SPAN	125	Spain: From Kingdome to Nationalities

MATHEMATICS AND THE SCIENCES (CORE) 10 credits

Non-Laboratory Courses:
CORE PHYSICAL SCIENCES COURSES:

ASTR	200	Introductory Astronomy and Astrophysics (co-requisite: MATH 140)
CHEM	121	Chemistry in the Modern World
ENES	389A	Selected Topics: How Things Work Technological Literacy for 1990s
ENME	111	Energy and Power Generation
GEOL	120	Environmental Geology
HONR	128E	Our Nuclear Society: From Chernobyl to Pet Scans
HONR	128F	Managing Planet Earth
PHYS	101	Contemporary Physics
PHYS	111	Physics in the Modern World
PHYS	112	Physics in the Modern World
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics

CORE LIFE SCIENCES COURSES:

AGRO	105	Soil and Environmental Quality
BOTN	211	Ecology and Mankind
ENTM	100	Insects
HONR	128C	Natural Science of Maryland

CORE MATH OR FORMAL REASONING COURSES:

CMSC	150	Introduction to Discrete Structures (co-requisite: MATH 140)
DESN	370	Computers, Graphics, and Design
HONR	128A	Science and Pseudoscience: An Investigative Approach
MATH	111	Introduction to Probability
MATH	140	Calculus I
MATH	141	Calculus II
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	250	Analysis I (Honors)
MATH	251	Analysis II (Honors)
PHIL	271	Symbolic Logic I
STAT	100	Elementary Statistics and Probability

Laboratory Courses:
CORE PHYSICAL SCIENCES COURSES:

ASTR	100/110 or 111	Introduction to Astronomy and Astronomy Laboratory OR Introduction to Astronomy and Observational Astronomy Laboratory (must be taken together)
CHEM	102	Chemistry of Our Environment
CHEM	103	General Chemistry I
CHEM	113	General Chemistry II
CHEM	121/122	Chemistry in the Modern World and Laboratory Chemistry (must be taken together)
GEOG	201/211	Geography of Environmental Systems and Geography of Environmental Systems Laboratory (must be taken together)
GEOL	100/110	Physical Geology and Physical Geology Laboratory (must be taken together)
GEOL	101	Physical Geology for Science Students
HONR	128D	General Chemistry for Honors Students
HONR	128G	Honors Chemistry II
PHYS	102/103	Physics of Music and Physics of Music Laboratory (must be taken together)
PHYS	106/107	Light, Perception, Photography and Visual Phenomena and Laboratory (must be taken together)
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics
PHYS	142	Principles of Physics
PHYS	262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	General Physics: Electrodynamics
PHYS	272	Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics
PHYS	275	Experimental Physics I: Mechanics & Thermodynamics (must be taken with PHYS 272)

CORE LIFE SCIENCES COURSES:

AGRO	101	Introductory Crop Science
AGRO	302	Fundamentals of Soil Science
BIOL	101/102	Concepts of Biology/Laboratory in Biology (must be taken together)
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	104/105	Plant Biology for Non-Science Students and Laboratory in Plant Biology (must be taken together)
HEM	104	Fundamentals of Organic and Biochemistry
ENTM	205	Principles of Entomology
HORT	100	Introduction to Horticulture
MICB	100	Basic Microbiology
MICB	200	General Microbiology
ZOOL	201	Human Anatomy and Physiology I
ZOOL	202	Human Anatomy and Physiology II
ZOOL	210	Animal Diversity

CORE MATH OR FORMAL REASONING COURSES:

CMSC	113	Computer Science II (Co-requisite: MATH 141)

SOCIAL SCIENCES (CORE) 9 credits

CORE SOCIAL OR POLITICAL HISTORY COURSES:

AASP	100	Introduction to Afro-American Studies
AASP	202	Black Culture in the United States
HIST	106	American Jewish Experience
HIST	111	The Medieval World
HIST	113	Modern Europe: 1789-Present
HIST	126	Jewish Civilization
HIST	156	History of the United States to 1865
HIST	157	History of the United States since 1865
HIST	174	Introduction to the History of Science
HIST	175	Science and Technology in Western Civilization
HIST	210	Women in America to 1880
HIST	211	Women in America since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to Present
HIST	237	Russian Civilization
HIST	250	Latin American History I
HIST	251	Latin American History II
HIST	275	Law and Constitutionalism in American History
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HONR	148A	America and the Mass Media Since 1945
HONR	148D	Uses of Education
HONR	148G	Social and Group Violence in America
KNES	293	History of Sport in America
AMST	207	Contemporary American Cultures
ANTH	102	Introduction of Anthropology: Cultural Anthropology and Linguistics
AREC	240	Environment and Human Ecology
AREC	250	Elements of Agricultural and Resource Economics
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
EDHD	230	Human Development and Societal Institutions (formerly EDHD 330)
GEOG	100	Introduction to Geography
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	200	International Political Relations
HESP	120	Introduction to Linguistics
HONR	148B	Culture and Gender: Conflict Between the Sexes
HONR	148J	Religion and Culture
LING	200	Introductory Linguistics
PSYC	100	Introduction to Psychology
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
WMST	200	Introduction to Women's Studies: Women and Society

CORE BEHAVIORAL AND SOCIAL SCIENCE COURSES:

AASP	101	Public Policy and the Black Community

HUMAN CULTURAL DIVERSITY (CORE): Approved Courses

3 credits, one course

NOTE: Students are required to select only one course from this list; the organization of the list by principle diversity topic(s) may be helpful to students with specific interests.

WOMEN

AMST	418J	Women and Family in American Culture
CLAS	320	Women in Classical Antiquity
CRIM	498A	Women and Crime
ECON	375	Economics of Poverty and Discrimination
FMCD	381	Poverty and Affluence Among Families and Communities
FREN	241	Women Writers of French Expression in Translation*
FREN	242	Black Writers of French Expression in Translation*
FREN	478B	Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	499B	Literature of Francophone
HONR	148C	Women and Mental Illness
HONR	148B	Culture and Gender: Conflict Between the Sexes*
KNES	492	History of the American Sportswoman in American Organizations
RTVF	418W	African American Women Filmmakers
TEXT	345	History of Costume I
WMST	200	Introduction to Women's Studies: Women and Society*
WMST	250	Introduction to Women's Studies: Women, Art and Culture*
ZOOL	313	Women and Science

MINORITIES

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science, Technology and the Black Community
AASP	443	Blacks and the Law
ECON	375	Economics of Poverty and Discrimination
FMCD	381	Poverty and Affluence Among Families and Communities
RTVF	418W	African American Women Filmmakers
SPAN	224	Violence and Resistance in the Americas*

NON-WESTERN

AGRO	303	International Crop Production
AREC	365	World Hunger, Population and Food Supplies
AREC	445	Agricultural Development in the Third World
ARTH	275	Art of Africa*
ARTH	475	Ancient Art of Africa
ARTH	476	Living Art of Africa
CHIN	315	Modern Chinese Literature in Translation*
FREN	242	Black Writers of French Expression in Translation*
FREN	499B	Literature of Francophone
GEOG	326	Africa
GEOG	416	Overseas European Colonization and the Third World
HIST	237	Russian Civilization*
HIST	250	Latin American History I*
HIST	251	Latin American History II*
HONR	118A	In Search of Ancient Astronomies*
HONR	148E	Science, Technology and the Third World
MUSC	210	The Impact of Music on Life*
MUSC	432	Music in World Cultures I
MUSC	433	Music in World Cultures II
TEXT	345	History of Costumes I

* Also approved for CORE distributive studies

ADVANCED STUDIES (CORE): Approved Courses

6 credits, 2 courses

ANALYSIS OF SOCIAL & ETHICAL PROBLEMS (CORE) Minimum 3 credits must be taken from this area:
List of approved courses will be available early in 1991. See your undergraduate advisor.
DEVELOPMENT OF KNOWLEDGE (CORE):
List of approved courses will be available early in 1991. See your undergraduate advisor.
CAPSTONE COURSE (CORE):
List of approved courses will be available early in 1991. See your undergraduate advisor.

USP PROGRAM DESCRIPTION

THE UNIVERSITY STUDIES PROGRAM (USP).
This program will be completed by all students entering before May 1990 with nine (9) or more credits from this or any other college, unless they choose the new CORE program. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy USP requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy USP requirements **MAY NOT** be taken on a Pass/Fail basis. (Please refer to the Statute of Limitations for information regarding students who may have questions regarding completion of requirements under the GEP and GUR general education prorams.)

FUNDAMENTAL STUDIES (USP)
Nine (9) credits required. List of approved USP courses follows USP program outline.
1. Freshman Composition — 3 credits
   Exemptions: a. Students with an SAT verbal score of 600 or above.
   b. Students with and AP English score of 4 or 5.
2. Advanced Writing — 3 credits (Taken after completion of 56 credit hours.)
   Exemptions: Students with an A in ENGL 101 **(NOT ENGL 101A or 101X)**

(Note: No exemption is granted for achievement on the SAT verbal exam.)
3. Mathematics — 3 credits
   Exemptions a. Students with an SAT math score of 600 or above.
   b. Students with College Board Achievement Test in Mathematics, Level I or II, score of 600 or above.
   c. Students with an AP score of 3 or above in Calculus AB or BC.
   d. Students with any CLEP Subject Examination in Mathematics score of 60 or above.

DISTRIBUTIVE STUDIES (USP)
Twenty-four (24) credits required. List of approved courses follow USP program outline.
Area A: Culture and History — 6 credits, 2 courses
Area B: Natural Sciences and Mathematics — 6 credits, 2 courses; one course must be a laboratory science
Area C: Literature and the Arts — 6 credits, 2 courses; courses must be taken in two different departments
Area D: Social and Behavioral Sciences — 6 credits, 2 courses

ADVANCED STUDIES (USP)
Six (6) credist required. Courses must be taken in two different departments outside of the student's major (except Honor's courses). List of approved courses follow USP program outline.
Development of Knowledge — 3 credits, 1 course
Analysis of Human Problems — 3 credits, 1 course

APPROVED COURSE LISTS FOR USP PROGRAM

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy USP requirements if it appears on the following list of approved courses for USP. Courses used to satisfy USP requirements **MAY NOT** be taken on a Pass/Fail basis. Course numbers are subject to change. Please check with departments for verification or previous numbers. **Not all courses are offered each semester. Check the current course listings for course availability.**

FUNDAMENTAL STUDIES (USP): Approved Courses

FRESHMAN COMPOSITION (USP) 3 credits, one course; must be completed by 30 credit level:

ENGL	101	Introduction to Writing
ENGL	101A	(Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL	101X	(Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: (1) a acore of 550 on the TOEFL, or (2) a score of 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute, or (3) successful completion of the Institute's semi-intensive course in English. Based on scores from either the TOFL or CELT a student might be required to complete a program of English language instruction for non-native speakers through the Maryland English Institute **before** being allowed to register for ENGL 101X.)

ADVANCED WRITING (USP) 3 credits, one course, taken after completion of 56 credit hours:

ENGL	391	Advanced Composition
ENGL	391X	Advanced Composition (ESL)
ENGL	392	Advanced Composition (Pre-Law)
ENGL	393	Technical Writing
ENGL	393X	Technical Writing (ESL)
ENGL	394	Business Writing
ENGL	395	Technical Writing (pre-med and health careers)

MATHEMATICS (USP) 3 credits, one course; must be completed by 30 credit level:

MATH	110	Elementary Mathematical Models
	or	
MATH	115	Precalculus
	or	

Any 100 or 200 level mathematics or statistics course, except MATH 210 and 211.

DISTRIBUTIVE STUDIES (USP): Approved Courses

AREA A: CULTURE AND HISTORY (USP) 6 credits, 2 courses:

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II

FREN	103	Review of Elementary French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	203	Intermediate French
FREN	311	Advanced Comprehension & Expression in French
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	201	Intermediate German
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	Viking Culture & Civilization
GERM	384	German Chivalric Culture
GERM	389C	Topics in German Culture: The Ancient Celts
GERM	389I	Topics in German Culture: Ancient India
GREK	101	Elementary Greek I
GREK	102	Elementary Greek II
GREK	203	Intermediate Greek (Grammar & Reading)
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization (In English)
HEBR	334	Hebrew Civilization (In English)
HIST	101	Great Ideas, Events and Personalities in History
HIST	110	The Ancient World
HIST	111	The Medieval World
HIST	112	The Rise of the West, 1500-1789
HIST	113	Modern Europe, 1789-Present
HIST	120	Islamic Civilization
HIST	122	African Civilization
HIST	156	History of the United States to 1865
HIST	170	The Humanities I
HIST	171	The Humanities II
HIST	174	Introduction to the History of Science
HIST	175	History and Technology in Western Civilization
HIST	176	Modern Business History
HIST	210	Women in America to 1880
HIST	211	Women in American Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to Present
HIST	237	Russian Civilization
HIST	250	Latin American History I
HIST	251	Latin American History II
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HONR	118	Freshman Honors Colloq. Cultural and Historical
HONR	318	Honors Seminar Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	203	Intermediate Italian
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	370	Italian Civilization in Transation
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japenese I
JAPN	202	Intermediate Written Japenese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
KNES	293	History of Sport in America
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	201	Intermediate Latin I
LATN	220	Intermediate Intensive Latin
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	19th Century Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	French Literature from the Revolution to the Present
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloqium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
RUSS	221	Masterworks of Russian Literature I
RUSS	222	Masterworks of Russian Literature II
RUSS	328A	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA B: NATURAL SCIENCES AND MATHEMATICS (USP) 6 credits, 2 courses:

Lab Sciences

AGRO	302	General Soils
ASTR	100/110 or 111	Introduction to Astronomy & Astronomy Laboratory or Introduction to Astronomy & Observational Astronomy Laboratory
BIOL	101 & 102	Organization and Interelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	104/105	Plant Biology for Non-Science Students and Laboratory in Plant Biology
CHEM	102	Chemistry of Our Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	121/122	Chemistry in The Modern World and Laboratory Chemistry
CHEM	113	General Chemistry II
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introduction Physical Geology & Physical Geology Laboratory
GEOL	101	Physical Geology for Science Students
HORT	100	Introduction to Horticulture
KNES	360	Physiology of Exercise
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	(Lab) General Physics, Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	272 & 275	Introductory Physics: Thermodynamics, Electricity & Magnetism; Lab: Mechanics and Thermodynamics
PHYS	273 & 276	Introductory Physics: Electricity & Magnetism Waves, Optics, Lab: Electricity & Magnetism
ZOOL	210	Animal Diversity

Non-Lab Science & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology: Archaeology & Physical Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	104	Plant Biology for Non-Science Students
BOTN	211	Ecology and Mankind
CHEM	121	Chemistry in the Modern World
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physioiogy of the Speech Mechanism
HONR	128	Freshman Honors Colloq: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Analysis I
MATH	251	Analysis II
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbolic Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA C: LITERATURE AND THE ARTS (USP) 6 credits, 2 courses:

NOTE: Courses must be taken in two different departments.

ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa
ARTH	290	Arts of Asia
CHIN	213	Chinese Poetry in English
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
DANC	200	Introduction to Dance
DESN	204	History of Design
ENGL	201	Western World Literature: Homer to the Renaissance
ENGL	202	Western World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespear
ENGL	211	English Literature from Beginnings to 1800
ENGL	212	English Literature from 1800 to present
ENGL	221	American Literature: The Beginning to 1865
ENGL	222	American Literature: 1865 to the Present
ENGL	234	Introduction to African-American Literature
ENGL	240	Introduction to Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Introduction to Non-Fiction Prose
ENGL	243	Introduction to Poetry and Poetics
ENGL	244	Introduction to Drama
ENGL	245	Film and the Narrative Tradition
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Introduction to Literature by Women
ENGL	271	Honors Word Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation

AREA D: SOCIAL AND BEHAVIORAL SCIENCES (USP) 6 credits, 2 courses:

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	230	Human Development and Social Institutions
EDHD	306	A Study of Human Behavior
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Costitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloq: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social & Behavior Sciences
JOUR	100	Introduction to Mass Communication
KNES	287	Sport and American Society
KNES	350	Psychology of Sport
KNES	385	Motor Learning and Skilled Performance
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	335	Personality and Adjustment
PSYC	353	Adult Psychopathology
PSYC	355	Child Psychology
RECR	130	Recreation and Literature
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	241	Inequality in American Society
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Urban Studies and Planning
WMST	200	Introduction to Women's Studies

***NOTE: Not all courses are offered each semester. Check course listings.**

ADVANCED STUDIES (USP): Approved Courses

Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F or HIST 312A, are printed in the section following the list of approved Advanced Studies (USP) Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies (USP) credit unless it is also in the list below.
NOTE: Advanced Studies (USP) courses must be taken in two different departments outside of the student's major (except HONR courses).

DEVELOPMENT OF KNOWLEDGE (USP) 3 credits, 1 course: Must be taken outside of student's major.

Offered for Spring 1991

AASP	301	Applied Policy Analysis and the Black Community
AASP	303	Computer Applications in Afro-American Studies
AMST	418K	Cultural Themes in America — Race in America: Theory and Policy
ANTH	371	Introduction to Linguistics
ANTH	401	Cultural Anthropology
ANTH	451	Archaeology of the New World
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galaxies and the Universe
ASTR	380	Life in the Universe
CJUS	330	Contemporary Legal Policy Issues
ECON	402	Macroeconomic Models and Forecasting
EDMS	451	Introduction to Educational Statistics
ENGL	320	English Romantic Literature
ENGL	379B	Special Topics in Literature: Carribean Literature in English
ENGL	379E	Special Topics in Literature: Film Analysis The Rhetoric of Fictional Worlds
ENGL	432	American Literature: 1865-1914: Realism and Naturalism
ENGL	440	The American Novel to 1915
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature After 1800: Readers, Writers and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of Law
GVPT	399K	Seminar in Government and Politics: Greek Tragedy as Political Theory
GVPT	429B	Problems in Political Behavior: Formal Theories of Politics
GVPT	441	History of Political Theory: Ancient and Midieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	448	Non-Western Political Thought: The Origins of Islamic Political Philosophy
HEBR	498B	Special Topics in Hebrew: Issues of Jewish Ethics and the Law
HIST	419C	Special Problems in History: Redefining Gender in the United States, 1880-1935
HLTH	498T	Ways of Knowing About Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
KNES	362	Philosophy of Sport
LING	440	Grammars and Cognition
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidean and Non-Euclidean Geometrics
NUTR	335	History of Nutrition
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosophy
PHIL	331	Philosophy of Art
PHIL	447	Philosophy of Law
PHIL	431	Aesthetic Theory
PHIL	451	Scientific Thought II
PHIL	456	Philosophy of Biology
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PORT	478A	Themes and Movements in Luso-Brazilian Literature in Translation: Africa in Brazil
PSYC	457	Cultural Context of Psychological Development
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism

ANALYSIS OF HUMAN PROBLEMS (USP) 3 credits, 1 course: Must be taken outside of student's major.

Offered for Spring 1991

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science Technology, and the Black Community
AASP	499A	Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination (crosslisted with ECON 375)
AEED	303	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AREC	365	World Hunger, Population, and Food Supplies
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
ECON	370	Labor Markets, Human Resources, and Trade Unions
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	487	Legal Aspects of Family Patterns
FREN	497	The Child and The Law
FREN	479A	Masterworks of French Literature in Translation: The Age of Anxiety — The Literature of Existentialism and The Absurd
GEOG	462	Water Resources and Water Resource Planning
GVPT	306	Global Ecopolitics
GVPT	403	Law, Morality, and War
GVPT	432	Civil Rights and The Constitution
HIST	419F	Special Topics in History: Deviance and Western Culture
HLTH	476	Death Education
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante In Translation
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	410	Population I
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Socialogy of Work
SOCY	474	Soviet Ethnic Issues
ZOOL	346	Human Genetics and Society

24 Advanced Studies

The following is a complete list of Advanced Studies (USP) approved courses. Advanced Studies (USP) courses offered for Spring 1991 are noted above.

DEVELOPMENT OF KNOWLEDGE (USP):

AASP	301	Applied Policy Analysis and the Black Community
AASP	303	Computer Applications in Afro-American Studies
AGRO	440	Crops, Soils and Civilization
AMST	418E	Cultural Themes in America The American Image of Africa
AMST	418K	Cultural Themes In America Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology: Principles and Processes
ANTH	451	Archaeology of the New World
ARHU	308B	An Interdisciplinary Analysis of Scandinavian Civilization
ARHU	309A	Forms and Forces of Human Experience: An Interdisciplinary Exploration—Philosophies of Art
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galazies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CJUS	330	Contemporary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
DESN	474	Gaming Simulation In Design I
ECON	402	Macroeconomic Models and Forecasting
EDMS	451	Introduction to Education Statistics
ENGL	320	English Romantic Literature
ENGL	379B	Special Topics in Literature Carribean Literature in English
ENGL	379E	Topics in Literature: Film Analysis— The Rhetoric of Fictional Worlds
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide The Modern and Pre-Modern Worlds
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution, 1760-1802
ENGL	379O	Special Topics in Literature: Language and Gender Male/Female Differences in Language Use
ENGL	379V	Special Topics in Literature Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	440	The American Novel to 1915
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOL	301	Evolution in Geology
GERM	349A	Germanic Literatures in Translation — The Holocaust in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	399K	Seminar in Government and Politics: Greek Tragedy as Political Theory
GVPT	429B	Problems in Political Behavior: Formal Theories of Politics
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
GVPT	448	Non-Western Political Thought: The Origins of Islamic Political Philosophy
HEBR	498B	Special Topics in Hebrew: Issues in Jewish Ethics and Law
HEBR	498R	Special Topics in Hebrew: Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST	311A	Approaches to the Past: European Social History
HIST	311B	Approaches to the Past: Historiography
HIST	311S	Approaches to the Past: Science and History — Archaeoastronomy and the History of Science
HIST	341	History of Anti-Semitism
HIST	401	The Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science From Newton to Einstein
HIST	403	20th Century Revolution in the Physical Sciences
HIST	406	History of Technology
HIST	412	Readings in Psycho-History
HIST	419C	Special Problems in History: Redefining Gender in the United States, 1880-1935
HLTH	498T	Ways of Knowing About Human Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
ITAL	421	The Italian Renaissance
KNES	362	Philosophy of Sport
LING	440	Grammars and Cognition
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidian and Non-Euclidian Geometries
NURT	335	History of Nutrition
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosopy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	380	Philosophy of Psychology
PHIL	385	Philosophy and Computers
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408F	Topics in Contemporary Philosophy: Contemrpoary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	431	Aesthetic Theory
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy of Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Causal Thinking
PHIL	472	Philosophy of Mathematics
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PHYS	490	History of Modern Physics
PHYS	499F	Special Topics in Phsyics: Twentieth Century Physics — Physics for Managers and Analysis
PORT	478A	Themes and Movements in Luso-Brazilian Literature in Translation: Africa in Brazil
PORT	478C	Themes and Movements in Luso-Brazilian Literature in Translation: Women as Authors and Characters in Brazilian Fiction
PSYC	457	Cultural Context of Psychological Development
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	324	Communication and Gender
SPCH	450	Classical and Medieval and Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	323	Brain & Behavior

ANALYSIS OF HUMAN PROBLEMS (USP):

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science, Technology, and the Black Community
AASP	499A	Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination (crosslisted with ECON 375)
AEED	323	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AMST	418C	Cultural Themes in America: The American Environment — Conservation and Energy
AMST	418D	Cultural Themes in America:
AMST	428B	American Cultural Eras: American Film Culture in the 1960's Growing Up American
ANTH	389B	Medicine, Health and Culture
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
ARED	445	Agricultural Development in the Third World
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
ECON	370	Labor Markets, Human Resources, and Trade Unions
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Encountered in Daily Living in the Home
EDPA	400	The Future of the Human Community
EDPA	401	Educational Technology Policy and Social Change
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	Internationl Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	431	The Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478B	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	479A	Masterworks of French Literature in Translation
		The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	434	Agricultural and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geograhic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives in Nuclear War
GVPT	306	Global Ecopolitics
GVPT	403	Law, Morality, and War (cross-listed with PHIL 446)
GVPT	405	Defense Policy and Arms Control
GVPT	432	Civil Rights and the Constitution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	313A	Crisis and Change in European Society: Freedom and Authority
HIST	314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation Building in the Middle East
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HIST	340	Eastern Europe Before, During and After Communism
HIST	342	Fascism: Theory and Practice
HIST	407	Technology and Social Change in History
HIST	419F	Special Topics in History: Deviance and Western Culture
HIST	458A	Special Topics in Women's History: Victorian Women
HLTH	476	Death Education
HLTH	490	Theories of Children's Love and Peace Behaviors
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante in Translation
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308B	Philosophy of Live
PHIL	308F	Philosophical Aspects of Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Racial and Sexual Discrimination
PHIL	441	History of Ethics
PHIL	446	Law, Morality and War (cross-listed with GVPT 403)
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	410	Population I
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	474	Soviet Ethnic Issues
SOCY	498A	Medical Sociology
SOCY	498N	Sociology of Nuclear War
SOCY	498R	Work Family, Community and Friendship: Issues in Social Identity and Well Being
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

Course Descriptions for Approved Advanced Studies (USP) Courses

— Courses **without an alphabetical suffix following the three digits**, such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

— Courses **with an alphabetical suffix following the three digits**, such as HIST 312A, are described below.

— **Not all courses are offered each semester. Check course listings.**

DEVELOPMENT OF KNOWLEDGE (USP)

AMST 418E — CULTURAL THEMES IN AMERICA: THE AMERICAN IMAGE OF AFRICA. By focusing attention on American ideas about Africa, this course traces the origins of American stereotypes of Africa and their development, especially during the late nineteenth and early twentieth centuries. Through a systematic analysis of American perceptions of Africa, the most significant bodies of contemporary information available concerning the continent are examined: the written accounts of Americans who actually were traveling to Africa, and the numerous kinds of secondary sources published in America about Africa. Prerequisites: a course in American Studies, Afro-American Studies, History, or Geography.

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 428A — AMERICAN CULTURAL ERAS: SOCIAL DRAMAS IN AMERICAN CULTURAL HISTORY. Focus on images of the future — as found in advertising, utopian literature, film, world's fairs, science fiction, community planning, and Toffler's *Future Shock* — to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisites: a prior course in American Studies, or History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ARHU 308B — AN INTERDISCIPLINARY ANALYSIS OF SCANDINAVIAN CIVILIZATION. Acquaints students with the geography, politics, and history of Scandinavia. An introduction to the literature, status of women and minorities, language, religion, architecture, theatre and arts. Interrelations of the various components which blend to form a civilization will be analyzed. Prerequisites: one history course, one literature course.

ARHU 309A — FORMS AND FORCES OF HUMAN EXPERIENCE: AN INTERDISCIPLINARY EXPLORATION — PHILOSOPHIES OF ART. Explores the similarities and differences in the creative impulse in music and the visual arts. Artists in each area would be studied to understand the sources of their art, its relation to their social and personal situations and to the *Zeitgeist*. The course would concentrate on various forms of modern art and explore the reasons for differences in general orientation as well as traits broadly shared.

ENGL 379B — SPECIAL TOPICS IN LITERATURE:
Begins with excerpts from James Joyce and Samuel Beckett to set the 20th Century European context, then studies in detail seven novels by Carribean writers. The contrast between the world views of colonizing and colonized people is presented.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379K — SPECIAL TOPICS IN LITERATURE: PRIVATE LIVES. Students will learn how to do original research by utilizing primary sources available in Maryland and the District of Columbia. Students will conduct interviews, use extensive archival collections and analyze oral histories. The questions before the class will be: What is history? How does one understand the nature of ordinary experience and how does one assemble these experiences to "create" history? Each student will study a special person, family or neighborhood and prepare an historical project. Prerequisites: two lower division English courses.

ENGL 379L — SPECIAL TOPICS IN LITERATURE: THE GREAT DIVIDE: THE MODERN AND PRE-MODERN WORLDS. This course will examine the great divide between the modern and pre-modern periods by examining a series of paired Medieval/Renaissance and Modern literary, religious, and psychological texts from *Beowulf* to *Prizzi's Honor*. It will ask what unsuspected continuities and discontinuities exist between the modern and pre-modern periods and what changing ideas of self, society, God, heroism and science are seen. Prerequisites: two Literature courses.

ENGL 379M — SPECIAL TOPICS IN LITERATURE: BRITAIN IN THE AGE OF REVOLUTION, 1760-1820. Deals with how British artists, authors, historians, and political theorists responded to the American and French Revolutions in politics, the Industrial Revolution in economics, and the Romantic Revolution in the arts. In each of these interrelated revolutions a traditional, hierarchic system was challenged by rational, equalitarian premise. Critical thinking will be encouraged by considering opposing views of major events and developments. Prerequisite: any combination of 2 courses from Art, Literature, and/or History. NO PASS-FAIL.

ENGL 379O — SPECIAL TOPICS IN LITERATURE: LANGUAGE AND GENDER: MALE/FEMALE DIFFERENCE IN LANGUAGE USE. By taking this course, students will gain an understanding of how gender affects communication, and, on a more practical level, of what members of the opposite sex (whichever one that is for each student) might mean when they engage in language behavior which the student finds puzzling or off-putting. In addition, students will, it is hoped, learn to appreciate the point of view of the opposite sex (whichever one that happens to be). Prerequisites: two courses from literature and/or linguistics.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: two college level literature courses.

ENGL 479R — SPECIAL TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GERM 349A — GERMANIC LITERATURES IN TRANSLATION: THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GERM 479B — SELECTED TOPICS IN GERMANIC PHILOLOGY: LANGUAGE AND SCIENCE. When does a discipline become a science? How is something as amorphous, abstract, "soft" as language studies scientific? This course focuses on the recent history of the study of language (linguistics) as an example of the maturation of a "science". The basic principles and methodology of modern linguistics are studied with an eye toward understanding the influence of modern scientific methodology on traditional "soft" sciences and, conversely, appreciating the importance of the study of language for modern science. Prerequisite: completion of either the Natural Science & Math, or the Social & Behavioral Sciences requirement as well as some experience with linguistics or foreign language learning.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed. Prerequisite: one course in Philosophy or Jewish Studies.

HEBR 498R — SPECIAL TOPICS IN JEWISH STUDIES: RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 311A — APPROACHES TO THE PAST: APPROACHES TO EUROPEAN SOCIAL HISTORY. The principal goal of this course is to develop an understanding of the principal historical theories concerning human society and the ways in which historians study human social organization and behavior. The social history of Europe will serve as a common focus for the semester's readings and discussions. Members of the class will be responsible for weekly reading assignments and a 15-20 page term paper analyzing historical approaches to a significant problem in European social history. Prerequisite: one course in history.

HIST 311B — APPROACHES TO THE PAST: HISTORIOGRAPHY.

HIST 311S — APPROACHES TO THE PAST: SCIENCE AND HISTORY — ARCHAEOASTRONOMY AND THE HISTORY OF SCIENCE. This course compares the scientific and humanistic approaches to knowledge, first by examining claims that they are radically different (the "two cultures thesis) and then by showing how science has become more historical, and the scientists are presented as participants in the phenomena they are supposed to observe. Prerequisite: one history course.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 308A — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF LITERATURE AND FILM. Course will deal with problems in the understanding of narrative fiction which are common to literature and film, and with differences between the two media in relation to various artistic goals, narrative and otherwise. We will be interested centrally in the ways and means by which literary and cinematic works manage to contain intellectual content, convey thoughts or attitudes, or present views of the world. And this merely, it seems, by telling stories. Prerequisites: two courses in Literature/Film, or one Literature/Film and one Philosophy course.

PHIL 308D — STUDIES IN CONTEMPORARY PHILOSOPHY: DISCOVERY AND ANALOGY IN SCIENCE. Course will explore answers to the following question: How are new explanatory theories in science constructed? One hypothesis that we will examine is that analogies play a key role in discovery. Consider: constructing a new theory involves putting old ideas together in new ways. Work in several fields is relevant to the topic: philosophy of science on discovery, philosophy on analogies and metaphors, artificial intelligence (AI) on computer systems to make scientific discoveries or reason by analogy. Prerequisites: PHIL 250 or two science courses.

PHIL 308E — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF HISTORY. Examines critically alternative answers to fundamental questions in the philosophy of history: What is a historical interpretation? How is a historical interpretation related to the evidence upon which it is based? How, if at all, can a historical interpretation be shown better than competing interpretations? To what extent can this showing be regarded as objective? As scientific? As these questions indicate, the course deals with critical rather than speculative philosophy of history. Prerequisites: six hours in philosophy or history.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 408D — TOPICS IN CONTEMPORARY PHILOSOPHY — PHILOSOPHICAL ISSUES IN ART HISTORY. Examines methodological problems which arise when art historians mobilize art-historical means (ranging from the eye of the connoisseur to laboratory tests) to achieve the goals of the discipline: discriminating authentic works, fixing dates and authorship, reconstructing artistic context, determining artistic meaning and purpose, uncovering influences, and charting and accounting for developments of style. How far can art-historical conclusions and interpretations be scientific? Or objective? Or value-free? Or free from historical conditioning by the historian's time and culture? Which limitations of art history as we know it are a matter of incomplete evidence and which are structural in the discipline itself? Prerequisites: one course in philosophy and two in art history, or permission of instructor.

PHIL 408F — TOPICS IN CONTEMPORARY PHILOSOPHY — CONTEMPORARY FRENCH AND GERMAN PHILOSOPHY. The central philosophical themes of phenomenology, structuralism and hermeneutics, together with their 19th century background. Applications of these themes to various aspects of modern European culture: technology, mass-media, sexuality, penal institutions, labor, and language. Heidegger, Foucault, Derrida, Ricoeur, Horkheimer, Adorno, Levi-Strauss. Prerequisite: one course in philosophy.

PHIL 408S — TOPICS IN CONTEMPORARY PHILOSOPHY — THE NATURE OF SCIENTIFIC UNDERSTANDING. What is scientific understanding? What is scientific explanation? What assumptions are involved in scientific explanations? Are these assumptions strictly necessary, or are they refinable or replaceable, so as to put science on a firmer footing? If so, how? Are there ultimate limits to scientific explanation? If so, what are they precisely? These questions are explored through historical readings and through intensive examination of contemporary accounts of scientific understanding. Prerequisites: two courses in science or philosophy.

PHIL 428A — ORIGINS OF THE MODERN SCIENTIFIC WORLD VIEW. This course will examine the evolution of modern scientific and philosophical views from the controversies about the nature of science which took place in the 17th and 18th centuries. Among the topics to be discussed are: debates about the aims and methods of science; the nature of space, time, matter, and force; man and God in relation to the physical universe; interactions of philosophical, scientific, and mathematical theories. Prerequisites: none.

PHIL 458A — TOPICS IN THE PHILOSOPHY OF SCIENCE: PHILOSOPHY OF AGRICULTURAL SCIENCE. This course will examine the nature of scientific agricultural knowledge, agriculture's contributions to scientific method, and the applicability of agricultural research techniques to other disciplines such as the Social Sciences. In the process it will examine various philosophical issues that arise in animal behavior studies and explore the roles values have in scientific research and knowledge. Prerequisites: two courses in the agricultural sciences or two courses in philosophy; MATH 111 or STAT 100 or equivalent.

PHIL 458X — TOPICS IN THE PHILOSOPHY OF SCIENCE: CAUSATION AND CAUSAL THINKING. Concerned with the nature of causation and with the importance of causation both in theoretical science and in policy applications. The course divides into four sections of unequal length. The first and longest section will concern itself with the difficult questions of what it is for one event to cause another and of how causal notions are related to issues concerning indiction and explanation. Both historic and contemporary texts will be assigned and studied. The second section will be concerned with the importance of causal notions in theoretical science: Can modern science dispense with causal language altogether? The third section of the course will consider the role of causal knowledge in policy making. Is causal knowledge indispensable in deciding what to do? Prerequisites: one course in philosophy and one course in science, or permission of instructor.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of thefoundatios of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Nota recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Our basic approach will be sociological. This is, instead of seeing acceptance of knowledge as a social process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Within this broad sociological perspective, we will compare several different approaches; for example, we will examine and employ the intellectual strategies of phenomenologists, marxists, functionalists and semioticians for the sociology of knowledge. Prerequisites: introduction to sociology, philosophy or history.

ANALYSIS OF HUMAN PROBLEMS (USP)

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and ne... Students will have the opportunity to conduct field observations at local mental institutio... course in American studies or an anthropology, psychology, or sociology course.

Advanced Studies Descriptions

AMST 418C — CULTURAL THEMES IN AMERICA: THE AMERICAN ENVIRONMENT: CONSERVATION AND ECOLOGY. Prerequisites: none.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: a prior course in American Studies, History or Sociology.

AMST 428B — AMERICAN CULTURAL ERAS: AMERICAN FILM CULTURE IN THE 1960s. Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize: (1) institutional factors (the Hollywood industry, the avant-garde, film critics) that influence the production and appreciation of the motion picture; (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing transformations during this period; (3) documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisites: one American Studies course, a Film course, a twentieth century American History course, a Sociology course.

ANTH 389B — MEDICINE, HEALTH AND CULTURE. Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professional roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

ARHU 306A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION. A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

ENGL 379F — SPECIAL TOPICS IN LITERATURE: COPING WITH CHANGE. An examination of the kinds of changes which confront the individual and society and ways of coping with these changes as seen in literature and film. Topics will range from personal changes such as adapting to the breakup of a family or a career change to large scale social changes involving alterations in value systems and behavior. Prerequisites: two Literature courses. NO pass/fail option.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379R — SPECIAL TOPICS IN LITERATURE: DIFFERENT VIEWS OF THE CHESAPEAKE BAY. Studies the way in which the Bay has served as the subject of observers of different times and with different concerns. Involving scientific, sociological, *and* literary treatments of the subject. The course provides an understanding not only of historical events, but also of the governmental and industrial forces that have influenced life in Maryland. Prerequisite: completion of two literature courses.

ENGL 379S — SPECIAL TOPICS IN LITERATURE: CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE. Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENGL 479A — SELECTED TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: IDEAL & REAL COMMUNITIES IN 19th CENTURY AMERICAN LITERATURE. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals as revealed in 19th century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: completion of two literature courses.

FREN 478B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: AUTOBIOGRAPHICAL FICTION BY FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies A & C requirements.

FREN 478C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION; CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

FREN 479A — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: THE LITERATURE OF EXISTENTIALISM AND THE ABSURD. Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

FREN 479D — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. The course examines how various ideological trends associated with certain historical periods over the last five centuries are reflected in major French literary works dealing with the relations between the sexes. The primary focus of discussion will be the notion of equality between the sexes. All work in English.

GERM 389J — TOPICS IN GERMANIC CULTURE: HONOR AS A THEME IN WESTERN LITERATURE. This course traces the concept of honor as revealed in literary and philosophical works from classical to modern times, from the *Iliad* and *Beowulf* to Schnitzler's *None But the Brave*, and Harper Lee's *To Kill a Mockingbird*. All readings in English, no previous training required. Prerequisites: a course in literature or cultural anthropology.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA: NATIONALISM AND NATION BUILDING IN THE MIDDLE EAST. This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisite: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN. Explores the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic relations and reform interests will be conveyed. Prerequisite: one course in history.

NUTR 488F — DEVELOPMENT AND MODIFICATION OF FOOD HABITS. Multi-factual problems related to changing food habits: relationships between food habits and health status; strategies for changing specific food habits. Prerequisite: NUTR 100.

PHIL 308B — PHILOSOPHY OF LIFE. The course introduces students to ethical issues relevant to the way we understand and lead our lives. Questions to be discussed include: How important should morality be within an individual's concerns? How useful is life-planning in leading a good life? Is what is virtuous or good relative to one's time of life? And is it always irrational to choose less than the best? Readings will be from recent works of philosophy and psychology and certain classics of imaginative literature. Prerequisite: one course in philosophy.

PHIL 308F — PHILOSOPHICAL ASPECTS IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — TOPICS IN CONTEMPORARY PHILOSOPHY: ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PHIL 408L — TOPICS IN CONTEMPORARY PHILOSOPHY: RACIAL AND SEXUAL DISCRIMINATION. Central aim of the course is to re-examine the bases of our common judgements about discrimination and to work through some of the controversies about anti-discrimination policy. To carry through this aim, the course will focus on (1) the conceptual problems that impede our understanding of what discrimination is; (2) the general principles of justice and equal opportunity that are supposed to explain why discrimination by race or sex is generally wrong, and (3) the difficulties of putting into practice the elimination of discrimination. Prerequisite: one course in philosophy.

PHYS 318N — TOPICS IN CONTEMPORARY PHYSICS: THE RISKS OF NUCLEAR POWER. The physical processes involved and the current state of knowledge in such areas as demand for electricity, power plant systems and operations, the nuclear fuel cycle, properties of radioisotopes, biological effects of ionizing radiation, effects of low-level radiation, societal risks, transportation of radioactive materials, nuclear waste disposal, safety of operation of nuclear power plants, nuclear weapons proliferation and economics of electrical power production. Prerequisite: PHYS 112 or 122, or equivalent.

SOCY 498A — MEDICAL SOCIOLOGY. This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisite: SOCY 100 or 105.

SOCY 498N — SOCIOLOGY OF NUCLEAR WAR. The course sets nuclear war within a specific conceptual framework of military history and social theories of war and violence. The course covers the history of strategic air and deterrence doctrines; the physics and chemistry of nuclear, chemical, biological, and recombinant DNA weapons; the effects of nuclear and catastrophic war, including social, political, economic, psychological, ecological, and semiotic; current Soviet and American scenarios for nuclear use and conventional force deployment; doctrinal and political connections between nuclear, conventional, and unconventional military options; the morality of war and how the morality itself is a function of the social organization of the production and delivery of violence. Prerequisite: SOCY 100 or 105.

SOCY 498R — WORK, FAMILY, COMMUNITY, AND FRIENDSHIP: ISSUES IN SOCIAL IDENTITY AND WELL BEING. What makes people happy and healthy? How important are ties to others in groups, a sense of community, a feeling of mattering to and caring about others? How important is objective standard of living? How do people maintain their social bonds, while preserving a sense of individual identity? How do the answers to these questions differ by gender, age, education, and race? These are some of the questions to be addressed in this course. Prerequisite: at least one course in sociology or psychology or a course on the family.

What's New and Interesting 27

DISTINGUISHED SCHOLAR TEACHER COURSES

In 1978-79 the campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the Spring 1991 Semester, the course and instructor will be:

ANTH 389M: Migration and Culture Change: United States and Caribbean. (3) T TH 10:00-11:15, 1122 Temporary Classroom Building AA. **Taught by Nancie Gonzalez, Professor of Anthropology.** This course will examine the relationship between the migration of peoples and the ways in which cultures change as a result of this movement. Students will discuss ways in which the encounter of peoples has engendered change among the migrants, the communities they left behind, and among those in the receiving society.

ARCH 221: Introduction to Western Architecture. (3) T TH 9:30-10:45, 0204 Architecture, **Taught by Richard Etlin, Professor of Architecture.** This course surveys Western architectural history from the Renaissance to the Twentieth Century.

GVPT 448: Non-Western Political Thought: Origins of Islamic Political Philosophy. (3) T TH 3:30-4:45, 2166 LeFrak. **Taught by Charles Butterworth, Professor of Government and Politics.** Students will work to understand what is truly characteristic of Islamic political philosophy and how to appreciate the claims of independent development of that philosophy. This course will also address the question — from the viewpoint of several authors — what distinguishes the prophet from the philosopher

HIST 319A: The American Radical Tradition. (3) M W 9:00-9:50, Discussion-section time to be arranged. 0126 Francis Scott Key. **Taught by Ira Berlin, Professor of History.** This course will survey the ideas and actions of American radicals to ferret out a Radical tradition, a common body of principles that have provided a rallying point for democrats through the Republic's history. Among the groups discussed will be Painities during the revolution era; Loco-Focos and abolitionists during the antebellum years, Radical Republicans during the Civil War, Feminists throughout the nineteenth century, Populists in the post-Civil War era, Communists during the Great Depression, and Civil Rights advocates and Feminists in post-War era.

AFRO-AMERICAN STUDIES PROGRAM

AASP 100H — INTRODUCTION TO AFRO-AMERICAN STUDIES. Significant aspects of the history of African-Americans with particular emphasis on the evolution and development of Black communities from slavery to the present. Interdisciplinary introduction to the social, political, legal, and economic roots of contemporary problems faced by Blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

AASP 200 — AFRICAN CIVILIZATION. This course examines the origins of societal conflicts in the Southern African region. By building upon knowledge from several disciplines — archeology, anthropology, economics, history, political science, psychology, and sociology and studying the relationships between groups over time, this course identifies the indigenous peoples, social organization, economic and ecological factors as well as the patterns and outcomes of settler migration, conquest, dominance, and social organization which now define the nations of Zimbabwe, Botswana, and Namibia.

AASP 202H — BLACK CULTURE IN THE UNITED STATES. The course examines important aspects of Black American life and thought which are reflected in African-American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of Black creative expression from the nineteenth century to the present.

AASP 298A — BLACK-ASIAN RELATIONS IN THE UNITED STATES. Dr. Tsze Chan will lead you in an historical, cultural and sociological examination of the relations between the African-American and Asian communities. The course will examine various issues such as the reasons why long established, mutually respectful ties between these groups have recently broken down in several U.S. cities.

AASP 441H — SCIENCE, TECHNOLOGY AND THE BLACK COMMUNITY. Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department. This course makes use of scientific knowledge and skills in solving technological and social problems, particularly those faced by the Black community. It examines the evolution and development of African and African-American contributions to science and surveys the impact of technological changes on minority communities.

AGRICULTURE AND EXTENSION EDUCATION

AEED 489M — FIELD EXPERIENCE: LEADERSHIP THEORY TO PRACTICE. The course is designed to help you gain a basic understanding of leadership theory, research and practices. You will examine your own leadership abilities and style and learn ways and skills to enhance your own performance. Basic leadership concepts, styles and practices will be studied and applied to practical situations. Each student will determine their own individual strengths and potential for improvement and develope a plan with learning experiences to strengthen personal leadership abilities. Class members will critique each others assessment and learning plan. Focus will be on putting theory into practice based upon your abilities and the situation.

DEPARTMENT OF AGRONOMY

AGRO 440 — CROPS, SOILS, AND CIVILIZATION. This course engages students in an interdisciplinary study of the role and importance of crop and soil resources in the development and persistence of human civilizations. Material in this course is broadly accessible to students from a diversity of disciplines across campus, and previous coursework in crop and soil sciences is not required. Lectures, discussions, and readings will introduce students to the history of crops and soils as they relate to the rise, persistence, and decline of ancient cultures. Implications from four case studies will be applied to contemporary agriculture asking questions about its survival and sustainability. The course will explore these sorts of questions: Does agriculture lead to its own sustainability. The course will explore these sorts of questions: Does agriculture lead to its own destruction and that of the civilizations it supports? Can agricultural systems continue to change and improve so that indefinite productivity and human welfare are maintained? What can we learn from the past that will sustain agriculture into the future? The course is co-instructed by a crop scientist and a soil scientist. **Approved for USP Advanced Studies — Development of Knowledge.**

GENERAL BIOLOGICAL SCIENCES PROGRAM

BIOL 495 — GLOBAL GREENHOUSE EFFECT (3). Instructor — Dr. Linda Berg. A new senior capstone course that is an interdisciplinary investigation of global greenhouse warming — its causes, probable consequences, and ways to deal with it in the coming decade. Prerequisite: senior standing in any major in the Colleges of Life Sciences, Agriculture, and Education.

DEPARTMENT OF BOTANY

BOTN 104 — PLANT BIOLOGY FOR NON-SCIENCE STUDENTS (3). A new course in plant biology that is specifically designed for the non-science student. Emphasis is placed on the role of plants in the living world, the importance of plants to humans, and the effects of humans on plants and the environment. This course will not count toward graduation requirements for any student in the Colleges of Life Sciences or Agriculture. USP/CORE approved as non-lab in science/mathematics area. When taken in conjunction with BOTN 105, this course counts as a lab science in USP/CORE.

BOTN 105 — LABORATORY IN PLANT BIOLOGY (1). A new laboratory course that provides investigations for the non-science student into the processes and functions of plants, including their evolution, adaptations, and ecological roles. Pre- or corequisite: BOTN 104. This course will not count toward graduation requirements for any student in the Colleges of Life Sciences or Agriculture. USP/CORE approved as lab science when taken with BOTN 104.

BOTN 315 — PLANTS OF ECONOMIC IMPORTANCE. Neal Barnett, instructor. The origin, cultivation, and characteristics of useful plants, plant parts, and plant products. Rationale for use of and economic importance of all plant products that can be eaten, worn, lived in, rubbed on, sniffed, and snorted, or drunk. Prerequisites: BOTN 100, BIOL 105, or permission of department.

DEPARTMENT OF COMPUTER SCIENCE

CMSC 107 — INTRODUCTION TO THE UNIX OPERATING SYSTEM. The UNIX operating system has widespread use both on campus and in industry. This course is designed for ALL potential users of UNIX. The primary objective of this course is to learn principles of problem solving using UNIX. Particular emphasis will be placed on the concepts underlying use of software tools on the UNIX system. Specific tasks such as sorting, report generation, and data analysis will be studied as examples. Although this course has no formal prerequisites, the student should have some prior exposure to computing. A background in programming is helpful, but not essential.

FOREIGN LANGUAGE PROGRAM

FOLA (CRITICAL LANGUAGES) DIRECTED STUDY OF A FOREIGN LANGUAGE. FOLA 138V — ARMENIAN. New languages offered in Self Instructional format. The FOLA program enables qualified students to acquire *speaking* knowledge of certain languages not currently offered in regular course format. Other languages offered under FOLA include: Hungarian, Dutch, Modern Greek, Polish, Persian, Hindi, Norwegian, Turkish, Egyptian Arabic, Urdu.

DEPARTMENT OF FRENCH

FREN 203H — INTERMEDIATE FRENCH, HONORS (4 credits, Jacoby). This course is not a section of FREN 203, but a separate course with the accent on depth. Highly motivated students with an A or B in FREN 102, 103 or high level 3, are eligible to take this course. Grades are based on individual performance and progress and are expected to be high in this course. Learning goals: Completion of grammatical structures; readings of great literary texts and articles from current newspapers and magazines in the original French.

FREN 240 — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION (3 credits, Professor Fink). An introductory survey of French masterworks from the 17th century to the 20th century. No knowledge of French required. Meets the CORE literature requirement.

FREN 242 — BLACK WRITERS OF FRENCH EXPRESSION IN TRANSLATION (Professor Black). Readings of representative samples of works originally written in French by blacks during the negritude eras. Poetry, essays, plays and novels. Some of the more prominent authors to be explored: Aime Cesaire, W.S. Senghor, F. Fanon, Simone Schwarz-Bart, and Maryse Conde. There will be two short papers and two one hour examinations. No knowledge of French required. Meets the new CORE literature and diversity requirements.

FREN 479A — EXISTENTIALISM AND THE ABSURD IN MODERN FRENCH LITERATURE (3 credits, Professor Hage). Authors include Gide, Malraux, Sartre, Camus, Simone de Beauvior. Works are analyzed primarily as a reflection of philosophical ideas and historical events leading to an awareness of the absurd and the formation of an existentialist outlook. All work in English. Meets USP Advanced Studies requirement.

DEPARTMENT OF GEOGRAPHY

GEOG 446 — APPLIED CLIMATOLOGY. Prerequisite: GEOG 345 or permission of department. Components of earth's radiation balance and energy budgets: radiation, soil heat flux and the evaporation process. Measurement and estimation techniques. Practical applications of microclimatological theory and techniques.

GEOG 454 — WASHINGTON, D.C.: PAST AND PRESENT. The growth and development of Washington from its origin as the Federal Capital to its emergence as a major metropolitan area. The geographic setting, the L'Enfant Plan and its modification, the role of the federal government, neighborhoods, changing commercial structure, and post-World War II suburbanization.

GEOG 462 — WATER RESOURCES POLICY AND PLANNING. Critical concepts in U.S. water resources management with emphasis on Federal fresh and surface water policy. Examination of water resources planning models, focusing on demand projections, prediction of water supply, and economic and environmental project evaluation.

GEOG 498C — TOPICAL INVESTIGATIONS: COMPUTERS AND GEOGRAPHICAL EDUCATION. This studio course explores creative uses of modern computer and video technologies, especially geographic information systems, to enhance the teaching and learning, and practice of geography. Students will have opportunity to work with different computer resources for creating and using maps and images, and work with multimedia tools like videodisk. Instructor permission is required for enrollment in the course.

GEOG 498C — TOPICAL INVESTIGATIONS: COMPUTER GRAPHICS ON THE MICROCOMPUTER. This course is a hands-on introduction to several 'high-end' grahics packages of interest to geographers (and others). The packages covered are AutoCAD (a very powerful CAD program which can be used for cadastral mapping, three-dimensional drawing such as archaeological reconstructions, etc.), Microsoft Chart (a presentation graphics program), Atlas*Graphics (a choropleth mapping program), and Surfer (a three-dimensional mapping program). Students are expected to produce a portfolio which will be graded. This class can be taken for one to three credit hours (before signing up for the class students should speak with the instructor).

GEOG 498T — TOPICAL INVESTIGATIONS: TECHNOLOGICAL & NATURAL HAZARDS IN A GEOGRAPHIC SETTING. We would like to live in a world free of hazards. But every day we read about serious road accidents, chemical spills, and exposure to cancer causing substances. Is risk a necessary aspect of using certain technologies? Natural calamities such as earthquakes, violent storms, avalanches and locust plagues stir our emotions. Are disasters a form of bad luck? Federal, State and local governments are called upon to deal with hazards. Private businesses try to avoid hazard litigation. Our order of business is to understand where hazards are likely to occur, and then to discuss ways to prevent or ameliorate their consequences. No prerequisites to this course other than interest. Grading based on class presentations, exams and written evaluations of actual technologic and natural disasters.

GEOG 615 — GEOMORPHOLOGY. Prerequisite: GEOG 440 or consent of instructor. Analysis of physical process in landscape evolution. Coastal processes, river mechanics, alpine glaciation and aeolian transport.

GEOG 618C — COASTAL SEMINAR. Prerequisites: GEOG 440 or permission of instructor. Erosion is now recognized as one of the principal problems affecting coastal areas. This advanced course will examine the causes, responses, and geographic distribution of beach erosion and land loss, focusing on the U.S. coasts. The instructor is Dr. Stephen P. Leatherman.

DEPARTMENT OF GEOLOGY

GEOL 499N — GEOLOGY OF NORTH AMERICA'S NATIONAL PARKS. Few places provide better opportunity to see how geologic processes have sculptured the landscape than our National Parks. Indeed, most National Parks have been established because of their outstanding geological significance. This course will explore the geologic phenomena that produced the natural features represented in several dozen National Parks as well as the geologic characteristics of the physiographic provinces where the Parks are found. This course is designed to give students of diverse backgrounds and range of interest, an increased appreciation of the Parks from both a scientific as well as aesthetic point of view.

DEPARTMENT OF HORTICULTURE

HORT 100 — INTRODUCTION TO HORTICULTURE (3) If you're interested in the biology, propagation, and use of plants, consider this course which meets USP and CORE requirements. Weekly labs provide hands-on experience with garden and landscape plants.

DEPARTMENT OF MATHEMATICS

MATH 463 — COMPLEX VARIABLES FOR SCIENTISTS AND ENGINEERS. For the first time, an honors section of Math 463 is being offered in order to provide a new and challenging presentation of complex analysis. The development of complex function theory covers a wide range of topics such as analytic and harmonic functions, residue theory, and conformal mapping. This course will be enriched by many geometric results through the use of topology and will examine many intersting applications not covered in standard courses, for example, locating roots of polynomials, studying fluid flows and streamlines, and calculating temperature distribution from boundary values.

NATURAL RESOURCES MANAGEMENT PROGRAM

NRMT 461 — URBAN WILDLIFE MANAGEMENT (3) A new field of wildlife management has evolved in response to the increased land development in Maryland. Urban wildlife management deals with the stresses imposed by society on wildlife, many of which become either nuisances or are faced with extinction. This course will focus on ecology and management of wildlife in urban and urbanizing areas. It is designed for students in Natural Resources Management, General Biological Sciences, Geography, Landscape Design, Recreation, and Urban Studies. Principles and management approaches are emphasized, along with effects of urbanization on wildlife and the response of wildlife to habitat development in the metropolitan environment. Planning, design policy and wildlife conservation are integrated into a discussion of landscape ecology. Two lectures per week and two Saturday field trips are scheduled.

DEPARTMENT OF PHILOSOPHY

PHIL 201 — ISSUES IN THE PHILOSOPHY OF LIFE (Slote). Philosophical issues concerning what is desirable and what is admirable in human life.

PHIL 431 — AESTHETIC THEORY AND THE PHILOSOPHY OF CRITICISM (Brown). The following are courses in the new concentration in cognitive studies:

PHIL 458N — THEORY AND EVIDENCE: METHODOLOGICAL ISSUES IN COGNITIVE NEUROSCIENCE (Bub).

PHIL 488/688U — PHILOSOPHY OF PSYCHOLOGY: COGNITIVE UNIVERSALS (Cherniak).

PHIL 688M — ISSUES IN MONOTONIC LOGIC (Horty).

DEPARTMENT OF PSYCHOLOGY

SPRING '91 HONORS SENIOR SEMINAR. This seminar will be concerned with recent trends in the study of PERCEPTION. We will consider the way in which this area has been changing as it takes on a highly interdisciplinary flavor as individuals with backgrounds in Computer Science, linguistics, Philosophy and Psychology, who call themselves "Cognitive Scientists", tackle classical, largely unresolved, problems in perception. The emphasis will be on Visual Perception — the longest studies, most advanced and best understood perceptual capacity. Specific topics can include recent attempts to study the perceptual development of the human infant, the search for Gestalt-like popout properties in early vision, the role of eye movements in early vision and in visual information processing, including the perception of direction and reading. The specific topics and number of topics explored will depend on the interests and backgrounds on individual participation in the seminar. Recent experimental reports and handbook chapters will serve as reading material. Students will be required to prepare a term paper, lead a seminar discussion and actively participate in topics led by other members of the seminar. Non-participating auditors will be excluded. Additional information about this seminar can be obtained by contacting Dr. Steinman preferably by phone (405-5877) on Wednesday afternoons.

INSTITUTE FOR URBAN STUDIES

URBS 650 — URBAN POLITICAL ECONOMY. This seminar will explore the interaction between the economic and political system within U.S. cities. Particular attention will be given to evaluating recent calls for increased privatization in the production and distribution of goods and services provided by local governments.

URBS 688H — AFFORDABLE HOUSING DEVELOPMENT. This course teaches students how to develop affordable housing for populations not served by the private market. Presentations review the history of American housing policy and compare it to other countries. Case studies illustrate different models for affordable housing — for single families and multiple families, in cities and in suburbs. By the end of the course, students will understand real estate development and financial issues related to affordable housing. This course is for students in planning, public affairs, architecture, housing, community development, real estate, and other fields who are interested in housing and/or disadvantaged populations.

URBS 688G — ISSUES IN GROWTH MANAGEMENT AND ENVIRONMENTAL PLANNING. This seminar will examine various strategies used by state and local governments to control the pace and pattern of development within their jurisdictions. The class will analyze selected case studies in growth management, focussing on their political histories, regulatory techniques, legal/constitutional challenges, and relative effectiveness. State-initiated strategies to be studied include the growth management programs of Oregon, Florida and Vermont. Among the locally-initiated techniques to be studied are infrastructure-based growth controls, purchase-of-development-rights, transfer-of development rights, and various hybrids of zoning.

URBS 691 — PLANNING AND POLITICS. Who has power over planning decisions? How can planners and analysts use their knowledge to influence decisions? This course analyzes the politics of planning, with a focus on planners' power — what it is and what it can be. Case studies identify the resources and strategies that influence decisions. Studies of planners' thinking about politics show how some assumptions are self-defeating while others lead to influence. The course concludes with strategies for improving planners' political effectiveness. This class is for students in planning, policy analysis, community development, public administration, and management who are interested in understanding how decisions are made and how to influence them.

DEPARTMENT OF ZOOLOGY

ZOOL 461 — ETHOLOGY LABORATORY. Introduction to field and laboratory analyses of animal behavior with emphasis on the study of animal communication. One one hour lecture and two three hour labs per week. Pre or co-requisite: ZOOL 460, ZOOL 465, PSYC 403 or consent of Dr. Wilkinson or Dr. Borgia.

BULLETIN

STUDENT DRUG AND ALCOHOL ABUSE POLICY

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This ***BULLETIN*** is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

PROHIBITED CONDUCT: DRUGS

DRUGS

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution;
2) possession for purposes of distribution;
3) use; or
4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the *Code* are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

PROHIBITED CONDUCT: ALCOHOL

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The **Resident Life Alcohol Policy** controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age of 21. It prohibits kegs, the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The **Office of Campus Activities Alcohol Policy** controls the use, possession or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at events occurring on University premises or at University sponsored events unless advance written approval has been obtained from the Office of Campus Activities.

DISCIPLINARY SANCTIONS

Sanctions for violations for University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. Students may be accountable to both civil authorities and to the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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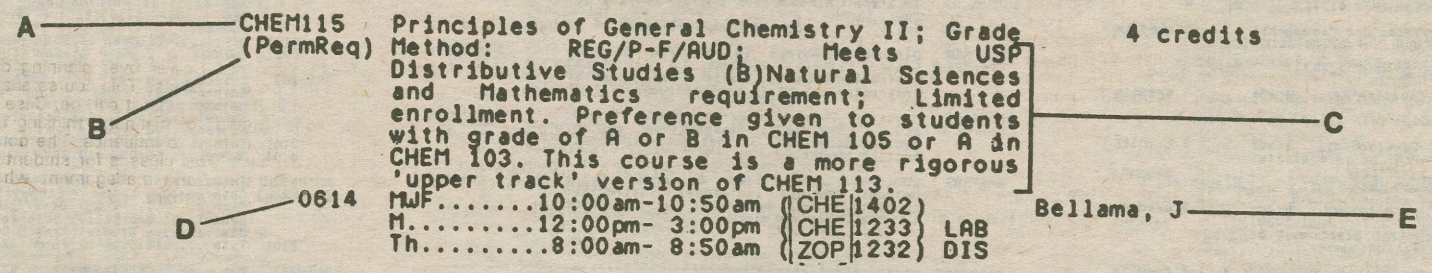
PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits

0101	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....10:00am-10:50am (MRH 304)	DIS	
0102	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....10:00am-10:50am (ASY 3217)	DIS	
0103	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....11:00am-11:50am (ASY 3211)	DIS	
0104	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....11:00am-11:50am (SYM 2109)	DIS	
0105	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....12:00pm-12:50pm (ARM 0118)	DIS	
0106	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....12:00pm-12:50pm (ASY 3215)	DIS	
0107	MW.....12:00pm-12:50pm (LEF 2205)		McPherson, H
	F.....1:00pm- 2:00pm (LEF 0221)	DIS	

AASP100H (PermReq) Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits

0101	Tu.....2:00pm- 4:30pm (TLF 0124)	Williams, R

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. Formerly AASP 300. — 3 credits

0101	Tu.....7:00pm- 9:45pm (WDS 0104)	May, C
0201	TuTh.....12:30pm- 1:45pm (LEF 2166)	Lashley, M

AASP200 African Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits

0101	TuTh.....11:00am-12:15pm (ARM 0119)	Lashley, M

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits

0101	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....10:00am-10:50am (ZOP 1232)	DIS	
0102	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....10:00am-10:50am (ZOP 1238)	DIS	
0103	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....11:00am-11:50am (ZOP 1232)	DIS	
0104	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....11:00am-11:50am (ZOP 1228)	DIS	
0105	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....12:00pm-12:50pm (ZOP 1232)	DIS	
0106	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....12:00pm-12:50pm (ZOP 1228)	DIS	
0107	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....9:00am- 9:50am (ZOP 1234)	DIS	
0108	MW.....10:00am-10:50am (SHM 2101)		Darling, M
	F.....9:00am- 9:50am (HZF 1101)	DIS	

AASP202H (PermReq) Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits

0101	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....10:00am-10:50am (LEF 2208)	DIS	

AASP298B Special Topics in Afro-American Studies: Black and Asian Relations in the United States; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....9:00am- 9:50am (WDS 1130)	Chan, T

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; Grade Method: REG/P-F/AUD. — 3 credits

0101	M.....1:00pm- 3:40pm (SDH 3123)	Williams, J

AASP301 Applied Policy Analysis and the Black Community; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: AASP 101. Recommended: one semester of statistics. — 3 credits

0101	M..... 5:00pm- 7:30pm (LEF 1201)	Cornelius, L

AASP303 Computer Applications in Afro-American Studies; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: STAT 100 or SOCY 201 or MATH 111 or equivalent. — 3 credits

0101	M.....2:00pm- 4:30pm (LEF 1222)	Chan, T

AASP312 Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101	TuTh.....9:30am-10:45am (LEF 1222)	Williams, R

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: AASP 387. — 1-3 credits

0101	Time and room to be arranged	STAFF

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: AASP 386. — 1-3 credits

0101	Time and room to be arranged	STAFF

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD. Prerequisites: AASP 305; and permission of department. — 3 credits

0101	F.....12:00pm- 2:40pm (LEF 2169)	Myers, S

AASP400 (PermReq) Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD. — 3 credits

0101	Time and room to be arranged	STAFF

AASP441 Science, Technology, and the Black Community; Grade Method: REG. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department. — 3 credits

0101	M.....2:00pm- 4:30pm (WDS 1130)	DIS Myers, S

AASP496Z Special Topics in Afro-American Studies: Diversity in Oneness: The Making of African-American Communities; Grade Method: REG. Seminar team taught with AASP Prof. Harley, ENGL Prof. Peterson, and WMST Prof. Bolles. — 5 credits

0101	MWF.....11:00am-12:30pm (TLF 0135)	Peterson, C

AASP498N Special Topics in Black Culture: News Coverage of Racial Issues; Grade Method: REG/P-F/AUD. Prerequisite: AASP100 or AASP202. — 3 credits

0101	MW.....2:00pm- 3:15pm (JRN 1105)	Holman, B

AASP499A Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites ECON 201 and 203 or 205. — 3 credits

0101	Th.....4:00pm- 6:30pm (LEF 2208)	Myers, S

AEED Agricultural and Extension Education (Agriculture)

AEED323 Developing Youth Programs; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101	TuTh.....9:30am-10:45am (SYM 0200)	Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED466 Rural Poverty in an Affluent Society; Grade Method: REG/P-F/AUD. — 3 credits

0101	M.....5:30pm- 8:10pm (SYM 0115)	Ross, P

AEED489 Field Experience; Grade Method: REG. — 1-4 credits

AEED489 (PermReq) Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489M (PermReq) Field Experience: Leadership Theory to Practice; Grade Method: REG. — 3 credits

0101	TuTh.....11:00am-12:15pm (SYM 0115)	Miller, M

AEED498 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED627 Program Evaluation in Adult and Continuing Education; Grade Method: REG/AUD. Prerequisite: AEED 626 or permission of department. — 3 credits

0101	Tu.....7:00pm- 9:40pm (SYM 0115)	Smith, M

AEED699 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED789M Special Topics: Adult and Extension Program Management; Grade Method: REG. — 3 credits

0101	W.....7:00pm- 9:40pm (SYM 0115)	Rivera, W

AEED789X Special Topics: Comparative Extension, Grade Method: REG. — 3 credits

0101	M.....7:00pm- 9:40pm (SYM 0200)	Rivera, W

AEED789Z Special Topics: Policy Development in Extension/Adult Education; Grade Method: REG. — 3 credits

0101	Th.....7:00pm- 9:40pm (SYM 0115)	Rivera, W

AEED799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED888 (PermReq) Apprenticeship in Education; Grade Method: REG. — 1-8 credits

0601	Time and room to be arranged	Miller, M

AEED889 (PermReq) Internship in Education; Grade Method REG. — 3-8 credits

0101	Time and room to be arranged	Miller, M

AEED899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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AGRO Agronomy (Agriculture)

AGRO302 Fundamentals of Soil Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103. — 4 credits

0101	TuTh.....4:00pm- 5:15pm (HJP 1229)		Weil, R
	Tu.....9:00am-11:50am (HJP 0210)	LAB	
0102	TuTh.....4:00pm- 5:15pm (HJP 1229)		Weil, R
	Tu.....6:00pm- 8:50pm (HJP 0210)	LAB	

AGRO303 International Crop Production; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: BIOL 105 or equivalent. — 3 credits

0101	MWF.....10:00am-10:50am (HJP 1104)	Sammons, D

AGRO308 Field Soil Morphology; Grade Method: REG/P-F/AUD. — 1-2 credits

0101	Time and room to be arranged	Weismiller, R

AGRO386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AGRO 387. — 1-3 credits

AGRO387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor — 1-3 credits

to obtain section number. Corequisite: AGRO 386.

AGRO402 Sports Turf Management; Grade Method: REG/P-F/AUD. Prerequisite: AGRO 305 and AGRO 401. 3 credits
0101 TuTh.....10:00am-10:50am (HJP 1104) Turner, T
Th.....11:00am- 1:00pm (HJP 1104) LAB

AGRO403 Crop Breeding; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 414 or ZOOL 213. 3 credits
0101 TuTh.....8:45am-10:00am (HJP 1104) Kenworthy, W

AGRO411 Principles of Soil Fertility; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HJP 0103) We R

AGRO413 Soil and Water Conservation and Managment; Grade Method: REG/P-F/AUD. Prerequisite: AGRO 302. 3 credits
0101 MWF.....3:00pm- 3:50pm (HJP 1104) Hill, R

AGRO440 Crop, Soils, and Civilization; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....1:45pm- 3:00pm (HJP 1104) James, B

AGRO451 Crop Culture and Development; Grade Method: REG/P-F/AUD. Pre- or corequisite: BOTN 441. 3 credits
0101 MWF.....2:00pm- 2:50pm (HJP 1104) Slaughter, L

AGRO499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO608 (PermReq) Research Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGRO608A Research Methods: Advanced Topics in Soil Microbiology; Grade Method: REG. 1 credit
0101 TBA (HJP 1104) Angle, J

AGRO608T (PermReq) Research Methods: Advanced Teaching Methods in Agronomy; Grade Method: REG/AUD. 1-4 credits
0101 Time and room to be arranged DIS Weil, R

AGRO798 Agronomy Seminar; Grade Method: REG/AUD. Instructors are McKee and James. 1 credit
0101 M.....12:00pm-12:50pm (HJP 1104) McKee, C

AGRO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGRO802 Breeding For Resistance to Plant Pests; Grade Method: REG/AUD. Prerequisites: ENTM 252, BOTN 221, AGRO 403 or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 1104) McIntosh, M

AGRO804 Design and Analysis of Crop Research; Grade Method: REG/AUD. Prerequisite: BIOM 401. 3 credits
0101 TuTh.....2:00pm- 2:50pm (HJP 2242) McIntosh, M
Th.....3:00pm- 3:50pm (HJP 1104) LAB

AGRO831 Soil Mineralogy; Grade Method: REG/AUD. 4 credits
0101 MWF.....10:00am-10:50am (HJP 0103) Fanning, D
W.....1:00pm- 3:00pm (HJP 0103) LAB

AGRO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

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AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course USP Distributive Studies Area A Course. 3 credits
0201 MWF.....10:00am-10:50am (TLF 2108) Frank, T
0301 MWF.....11:00am-11:50am (TLF 2108) Taylor, D
0401 MWF.....12:00pm-12:50pm (TLF 2108) Frank, J
0501 MWF.....1:00pm- 1:50pm (TLF 2108) Taylor, D
0701 TuTh.....11:00am-12:15pm (TLF 2108) Lott, D
0801 TuTh.....9:30am-10:45am (TLF 2108) Lott, D
0901 TuTh.....12:30pm- 1:45pm (TLF 2108) Keating, A
1101 TuTh.....2:00pm- 3:15pm (TLF 2103) Keating, A
1301 TuTh.....9:30am-10:45am (TLF 2103) Metcalf, G
1401 TuTh.....11:00am-12:15pm (TLF 2110) Metcalf, G

AMST204 Film and American Culture Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2103) Lounsbury, M

AMST205 Material Aspects of American Life; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2126) Lachin, T

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....10:00am-11:00am (TLF 2110) Battenfeld, M

AMST298A Selected Topics in American Studies: Popular Music; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (ARC 0204) Keesing, H

AMST330 Critics of American Culture; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: prior course in AMST, HIST, or SOCY. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2110) Mintz, L

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AMST 387. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AMST 386. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418J Cultural Themes in America: Women and Family in American Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2110) Battenfeld, M

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....9:00am-10:00am (TLF 2108) Battenfeld, M

AMST428B American Cultural Eras: American Film Culture in the 1960's; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: a course in one of the following -- AMST, film, twentieth-century American history, ARTH, or SOCY. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 2108) Lounsbury, M

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG. Prerequisite: nine hourse prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2110) Mintz, L

AMST628A (PermReq) Seminar in American Studies: Film Culture In America; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:40pm (TLF 2103) Lounsbury, M

AMST628C (PermReq) Seminar in American Studies: Imaginary Social Worlds; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:40pm (TLF 2110) Caughey, J

AMST629C (PermReq) Seminar in American Studies: Popular Literature in America: Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2110) Kelly, R

AMST629P (PermReq) Seminar in American Studies: American Humor; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:40pm (TLF 2110) Mintz, L

AMST638 Orientation Seminar: Material Aspects of American Civilization; Material Aspects of American Civilization; Grade Method: REG/AUD. Class meets at Smithsonian. Call American Studies Office at 405-1354 for location. First class begins January 10 1991. 3 credits
0101 Th.....1:00pm- 4:00pm (Arranged) Washburn, W

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANSC Animal Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC203 Feeds and Feeding; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101. 3 credits
0101 TuTh.....11:00am-11:50am (ANS 1109) Erdman, R
Th.....12:00pm- 1:50pm (ANS 1109) LAB

ANSC212 Applied Animal Physiology; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 211 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (CHE 2108) STAFF

ANSC214 Applied Animal Physiology Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: ANSC 212. 1 credit
0101 M.....2:00pm- 5:00pm (ANS 1144) LAB STAFF
0102 W.....2:00pm- 5:00pm (ANS 1144) LAB STAFF
0103 Tu.....2:00pm- 5:00pm (ANS 1144) LAB STAFF

ANSC230 Light Horse Management; Grade Method: REG. Prerequisite: ANSC 101. 4 credits
0101 MWF.....11:00am-11:50am (CHE 2110) Deuel, N
Th.....2:00pm- 4:00pm (CHM 0127) LAB

ANSC242 Dairy Production; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101. 3 credits
0101 TuTh.....8:00am- 8:50am (ANS 1109) Majeskie, J
W.....2:00pm- 4:00pm (ANS 1150) LAB
0102 TuTh.....8:00am- 8:50am (ANS 1109) Majeskie, J
W.....10:00am-12:00pm (ANS 1150) LAB

ANSC244 (PermReq) Dairy Cattle Type Appraisal; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Keep Saturdays open for occasional field trips. Freshmen by permission of instructor. 1 credit
0101 Tu.....2:00pm- 2:50pm (ANS 1109) LAB Majeskie, J

ANSC262 Commercial Poultry Management; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101. 3 credits
0101 MW.....10:00am-10:50am (JUL 1105) Doerr, J
F.....10:00am-12:00pm (JUL 1105) LAB

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ANSC 387. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ANSC 386. 1-3 credits

ANSC398 (PermReq) Seminar; Grade Method: REG/P-F/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (ANS 1109) Westhoff, D

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC406 Environmental Physiology; Grade Method: REG. Prerequisite: anatomy and physiology. 3 credits
0101 MWF.....10:00am-10:50am (ANS 1144) Stricklin W

ANSC412 Introduction to Diseases of Animals; Grade Method: REG/P-F/AUD. Prerequisite: MICB 200 and BIOL 105. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0115) Penney, B

ANSC 414 is now AGRI 314.

ANSC415 Parasitic Diseases of Domestic Animals; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 412 or equivalent. 3 credits
0101 MW.....11:00am-11:50am (ANS 1144) Hohenhaus, G
Tu.....9:00am-11:00am (ANS 1144) LAB

ANSC422 Meats; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 221. 3 credits
0101 WF.....8:00am- 8:50am (JUL 1105) Bailey, E
Th.....8:00am-11:00am (ANS 0119) LAB
0102 WF.....8:00am- 8:50am (JUL 1105) Bailey, E
Time and room to be arranged LAB

ANSC443 Physiology and Biochemistry of Lactation; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 212 or equivalent; and BCHM 261 or BCHM 461. 3 credits
0101 MF.....9:00am-10:30am (ANS 1109) Mather, I

ANSC444 Analysis of Dairy Production Systems; Grade Method: REG/P-F/AUD. Prerequisites: AREC 306 and ANSC 203. 3 credits
0101 MWF.....11:00am-11:50am (ANS 1109) STAFF

ANSC604 Vitamin Nutrition; Grade Method: REG/AUD. Prerequisite: ANSC 401 and BCHM 461. Also offered as NUSC 604. 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) Soares Jr, J

ANSC660 Poultry Literature; Grade Method: REG/AUD. 1-4 credits
0101 Time and room to be arranged Doerr, J

ANSC677 Advanced Animal Adaptations to the Environment; Grade Method: REG. Prerequisite: ANSC 406 or permission of instructor. 2 credits
0101 MWF.....10:00am-10:50am (CHE 2145) Stricklin, W

ANSC686 Veterinary Bacteriology and Mycology; Grade Method: REG/AUD. Prerequisite: ANSC 412. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2120) Marquardt, W

ANSC698A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (ANS 1109) STAFF

ANSC698C Seminar: Recent Advances - Poultry; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (ANS 3105) Doerr, J

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B Course. 3 credits
0101 MWF.....11:00am-11:50am (ARM 0112) Jackson, F
0201 TuTh.....2:00pm- 3:15pm (SHM 2101) STAFF

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0131) Wali, A
0201 MWF.....10:00am-10:50am (SHM 2102) Eidson, J

ANTH102H (PermReq) Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0131) Wali, A

ANTH221 Man and Environment; Grade Method: REG/P-F. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 0104) Wali, A

ANTH241 Introduction to Archaeology; Grade Method: REG. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0124) Little, B

ANTH371 Introduction to Linguistics; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....11:00am-11:50am (SHM 2101) Agar, M

ANTH389A (PermReq) Research Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389F Research Problems: Studies in Biocultural Anthropology; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (WDS 1114) Jackson, F

ANTH389G Research Problems: European Culture and Change; Grade Method: REG/P-F/AUD. Prerequisite: ANTH 102 or permission of department. 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 1114) Eidson, J

ANTH389M Research Problems: Migration and Culture Change; Grade Method: REG/P-F/AUD. Prerequisite: ANTH 102 or permission of department. 3 credits
0101 TuTh.....10:00am-11:15am (WDS 1130) Gonzalez, N

ANTH389S Research Problems: Analysis and Interpretation in Historical Archaeology; Grade Method: REG. Prerequisite: ANTH 241, ANTH 441, or ANTH 451 or permission of department. 3 credits
0101 M.....3:00pm- 5:30pm (WDS 1127) Seidel, J

ANTH389U (PermReq) Research Problems: Research Problems: Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH389Y (PermReq) Research Problems: Honor Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG USP Advanced Studies Development of Knowledge Course. Prerequisites: ANTH 101 ANTH 102, or ANTH 221. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0220) Eidson, J

ANTH437 Politics and Government in Primitive Society; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1114) Stuart, W

ANTH451 Archaeology of the New World; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite. ANTH 101 or ANTH 241. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0117) Little, B
0201 MWF.....3:00pm- 3:50pm (KEY 0102) Kryder-Reid, E

ANTH607 Methods of Cultural Analysis II; Grade Method: REG. 3 credits
0101 Th.....6:00pm- 8:40pm (WDS 1127) Agar, M

ANTH620 Strategies for Cultural Understanding; Grade Method: REG. 3 credits
0101 W.....6:00pm- 8:40pm (WDS 1131) Stuart, W

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689F Special Problems in Anthropology: Studies in Biocultural Anthropology; Grade Method: REG/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (WDS 1114) Jackson, F

ANTH689N (PermReq) Special Problems in Anthropology: Conflict and Ethnicity; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1114) Gonzalez, N

ANTH689S Special Problems in Anthropology: Analysis and Interpretation in Historical Archaeology; Grade Method: REG. 3 credits
0101 M.....3:00pm- 5:30pm (WDS 1127) Seidel, J

ANTH701 Internship Preparation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH705 (PermReq) Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 701. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 705. 3 credits

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APDS Design (Arts and Humanities)

APDS332 Display Design; Grade Method: REG/P-F/AUD. Prerequisite: APDS 330 or equivalent. For advertising design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 M.....2:00pm- 3:30pm (MMH 0108) Ansell, J
W.....4:00pm- 7:00pm (MMH 1413) LAB
Time and room to be arranged LAB

APDS431 Advanced Problems in Advertising Design; Grade Method: REG. Prerequisite: APDS 430. For advertising design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 M.....12:00pm- 1:00pm (MMH 1413) Davis, S
W.....1:00pm- 4:00pm (MMH 1413) LAB
Time and room to be arranged LAB
0102 M.....12:00pm- 1:00pm (MMH 1413) Davis, S
M.....1:00pm- 4:00pm (MMH 1413) LAB
Time and room to be arranged LAB

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment 3 credits
Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course.
0101 MW.....10:00am-10:50am (ARC 0204) Masters, E
F.....10:00am-10:50am (ARC 1105) DIS
0102 MW.....10:00am-10:50am (ARC 0204) Masters, E
W.....12:00pm-12:50pm (ARC 1105) DIS
0103 MW.....10:00am-10:50am (ARC 0204) Masters, E
Th.....11:00am-11:50am (ARC 1103) DIS
0104 MW.....10:00am-10:50am (ARC 0204) Masters, E
Th.....12:30pm- 1:20pm (ARC 1103) DIS
0105 MW.....10:00am-10:50am (ARC 0204) Masters, E
W.....12:00pm-12:50pm (ARC 1103) DIS
0106 MW.....10:00am-10:50am (ARC 0204) Masters, E
W.....1:00pm- 1:50pm (ARC 1103) DIS
0201 MW.....11:00am-11:50am (ARC 0204) Drost, U
F.....12:00pm-12:50pm (ARC 1101) DIS
0202 MW.....11:00am-11:50am (ARC 0204) Drost, U
F.....1:00pm- 1:50pm (ARC 1103) DIS
0203 MW.....11:00am-11:50am (ARC 0204) Drost, U
W.....12:00pm-12:50pm (ARC 1101) DIS
0204 MW.....11:00am-11:50am (ARC 0204) Drost, U
W.....1:00pm- 1:50pm (ARC 1101) DIS
0205 MW.....11:00am-11:50am (ARC 0204) Drost, U
F.....1:00pm- 1:50pm (ARC 1101) DIS
0206 MW.....11:00am-11:50am (ARC 0204) Drost, U
Th.....11:00am-11:50am (ARC 1105) DIS
0207 MW.....11:00am-11:50am (ARC 0204) Drost, U
Th.....12:30pm- 1:20pm (ARC 1105) DIS

ARCH221 History of Architecture II; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 220 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) Etlin, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD. Architecture and pre-architecture majors only. Section 0104 is for Path B students only. 2 credits
0101 M.....10:00am-10:50am (ARC 1101) Gardner, A
W.....9:00am-10:50am (ARC 1121) LAB
0102 M.....10:00am-10:50am (ARC 1101) Gardner, A
W.....12:00pm- 1:50pm (ARC 1121) LAB
0103 M.....10:00am-10:50am (ARC 1101) Gardner, A
F.....9:00am-10:50am (ARC 1121) LAB
0104 M.....10:00am-10:50am (ARC 1101) Gardner, A
Tu.....7:30pm- 9:20pm (ARC 1121) LAB

ARCH343 (PermReq) Drawing II: Line Drawing; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 400 or permission of department. Majors only. 2 credits
0101 MF.....11:00am- 1:00pm (ARC 1103) Lewis, R

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARCH 387. Contact David Fogle for information. 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARCH 386. Contact David Fogle for information. 1-3 credits

ARCH401 (PermReq) Architecture Studio II; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 400 with a grade of C or better. For ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Kelly, B
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Gardner, A
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Masters, E
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Hill, J
MWF.....2:00pm- 6:00pm (ARC 0204) DIS

ARCH403 (PermReq) Architecture Studio IV; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 402 with a grade of C or better. For ARCH majors only. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Bennett Jr., R
MWF.....2:00pm- 6:00pm (ARC 1101) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Drost, U
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Bechhoefer, W
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Lewis, R
MWF.....2:00pm- 6:00pm (ARC 0204) DIS

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD. Individual Instruction course; contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. 3-6 credits

ARCH412 (PermReq) Architectural Structures II; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 312, ARCH 400. For ARCH majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Loss, J

ARCH415 (PermReq) Environmental Control and Systems II; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 313, ARCH 402. For ARCH majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1101) Thiratrakoolcha

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....3:30pm- 6:30pm (ARC 1121) Loss, J

ARCH418S Selected Topics in Architectural Science: Behavior of Building Structure and Construction; Grade Method: REG/P-F/AUD. A non-mathematical approach to behavior of structural elements, structural systems and building materials. 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1121) Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. 1-4 credits

ARCH420 (PermReq) History of American Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 221 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1101) Penkiunas, D

ARCH423 (PermReq) History of Roman Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 220 or permission of department. Qualifies as an Area A history course. 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1101) Loerke, W

ARCH428C (PermReq) Selected Topics in Architectural History; Grade Method: REG/P-F/AUD. Majors only. 1-3 credits
0101 MWF.....10:00am-10:50am (ARC 1125) Schlesinger, B

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. 1-4 credits

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 401 and ARCH 343, or permission of department. Majors only. 3 credits
0101 W.....9:00am- 9:50am (ARC 1103) Weiss, M
F.....9:00am-10:50am (ARC 1103) DIS

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. 1-4 credits

ARCH453 (PermReq) Urban Problems Seminar; Grade Method: REG/AUD. Prerequisite: permission of department. Majors only. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1123) Fogle, D

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD. Prerequisite: ARCH majors only or permission of departme. 3 credits
0101 M.....7:00pm-10:00pm (ARC 1101) Stup, R

ARCH478C (PermReq) Selected Topics in Architecture: Advanced Computer Applications; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....11:00am-12:00pm (ARC 1127) Sachs, S
F.....11:00am- 1:00pm (ARC 1127)

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-4 credits

ARCH480 (PermReq) Problems and Methods of Architectural Preservation; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 420 or permission of department. Majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1125) Fogle, D

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH600 (PermReq) Architecture Studio V; Grade Method: REG/AUD. Prerequisite: ARCH 403 or equivalent. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB Schlesinger, B
MWF.....2:00pm- 6:00pm (ARC 1121) DIS

ARCH601 (PermReq) Architecture Studio VI; Grade Method: REG/AUD. Prerequisite: ARCH 600. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB Weiss, M
MWF.....2:00pm- 6:00pm (ARC 1123) DIS

ARCH617 Advanced Environmental Control and Systems; Grade Method: REG/AUD. Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415 or equivalent. For ARCH majors only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) Thiratrakoolcha

ARCH628H (PermReq) Selected Topics in Architectural History: Nationalism in 19th - 20th Century Arts and Letters; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Etlin, R

ARCH654 (PermReq) Urban Development and Design Theory; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits
0101 MWF.....11:00am-11:50am (ARC 1105) Dupuy, K

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. 1-6 credits

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD. Prerequisite: ARCH 601. 6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0102) Wiedemann, G
MWF.....2:00pm- 6:00pm (ARC 1127) DIS

ARCH797 (PermReq) Thesis Proseminar; Grade Method: REG/AUD. Prerequisite: ARCH 601. 3 credits
0101 MWF.....11:00am-11:50am (ARC 1121) Bennett Jr., R

ARCH799 (PermReq) Master's Thesis Research; Grade Method: REG. ARCH majors only. 1-6 credits
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 1125) DIS

AREC Agriculture and Resource Economics (Agriculture)

AREC240 Environment and Human Ecology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 MW.....2:00pm- 3:15pm (SYM 0200) Lichtenberg, E

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Chambers, R

AREC306 Farm Management; Grade Method: REG/P-F/AUD. Please save April 20 for an all day field trip. 3 credits
0101 MWF.....11:00am-11:50am (SYM 0200) Lessley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....2:00pm- 2:50pm (CSS 2324) Moore, J

AREC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AREC 387. 1-3 credits

AREC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: AREC 386. 1-3 credits

AREC404 Prices of Agricultural Products; Grade Method: REG/P-F/AUD. Prerequisite: ECON 403. 3 credits
0101 TuTh.....9:30am-10:45am (SYM 2109) Hardie, I

AREC405 Economics of Agricultural Production; Grade Method: REG/P-F/AUD. Prerequisite: ECON 403 and MATH 220. 3 credits
0101 MW.....3:30pm- 4:45pm (SYM 2109) Bender, F

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. 3 credits
0101 MWF.....9:00am- 9:50am (SYM 0200) Moore, J

AREC489E Special Topics in Agricultural and Resources Economics; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Bender, F

AREC610 Microeconomic Applications in Agricultural and Resource Markets; Grade Method: REG/AUD. Prerequisite: ECON 603. 3 credits
0101 TuTh.....10:30am-12:00pm (Arranged) McConnell, K

AREC624 Applied Econometrics II; Grade Method: REG/AUD. 4 credits
0101 MWF.....9:00am-10:30am (SYM 2109) Just, R

AREC632 Agricultural Policy Analysis; Grade Method: REG/AUD. Credit will be granted for only one of the following: AREC 632 or AREC 832. 3 credits
0101 TuTh.....9:00am-10:15am (SYM 1308) Chambers, R

AREC685 Applications of Mathematical Programming in Agriculture Business and Analysis; Grade Method: REG/AUD. Prerequisite: ECON 403 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 2109) Hardie, I

AREC689K Special Topics in Agricultural and Resource Economics: The Economics of Conservation Biology; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) McConnell, K

AREC699 Special Problems in Agricultural and (PermReq) Resource Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC753 Economics of Renewable Natural Resources; Grade Method: REG/AUD. Prerequisite: AREC 610; and AREC 620; or permission of department. 3 credits
0101 MW.....11:00am-12:15pm (SYM 2109) Lichtenberg, E

AREC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AREC804 Advanced Agricultural Price and Demand Analysis; Grade Method: REG/AUD. Prerequisite: ECON 603 and AREC 610. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 1308) Horowitz, J

AREC832 Advanced Agricultural Policy Analysis; Grade Method: REG/AUD. Credit will be granted for only one of the following: AREC 632 or AREC 832. 3 credits
0101 TuTh.....9:00am-10:15am (SYM 1308) Chambers, R

AREC859 Advanced Topics in Natural Resource Economics; Grade Method: REG/AUD. 1 credit
0101 F.....2:00pm- 4:30pm (SYM 2109) McConnell, K

AREC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ARHU Arts and Humanities (Arts and Humanities)

ARHU308A Critical Eras: An Interdisciplinary View: Postwar World War II Japan Through Film and Fiction; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:15pm (KEY 1117) DIS

ARHU309 (PermReq) Forms and Forces of Human Experience: An Interdisciplinary Exploration: Leadership in Organizations; Grade Method: REG/P-F/AUD. Enrollment by permission of Arts and Humanities Dean. 3 credits
0101 M.....2:00pm- 4:30pm (KEY 0120) Napolitano, C

ARHU386 Field Work; Grade Method: REG/P-F/AUD. Corequisite: ARHU 387. Open to literacy interns only. 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: ARHU 386. Open to literacy interns only. 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARSC Air Science

ARSC101 The Air Force Today II; Grade Method: REG. An elective, but required for those freshmen desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets ARE REQUIRED to attend the corps assembly on Jan 22 & 24 from 0750-0850, Room 0135 of the Armory. 1 credit
0101 Tu.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....11:00am-11:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0211 Tu.....11:00am-11:50am (COL 3111) Lausman, S
Tu.....7:00pm- 7:50pm (ARM 1122) LAB

0301 Th.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0311 Th.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG. This course is an elective but is designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. 1 credit
0101 W.....10:00am-10:50am (COL 3110) Davis, G

ARSC201 The Development of Air Power II; Grade Method: REG. An elective, but required for sophomores desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets ARE REQUIRED to attend the corps assembly on Jan 22 & 24 from 0750-0850, Room 0135 of the Armory. 1 credit
0101 Tu.....10:00am-10:50am (COL 3112) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....10:00am-10:50am (COL 3112) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....11:00am-11:50am (COL 3112) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0211 Tu.....11:00am-11:50am (COL 3112) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC311 Management and Leadership II; Grade Method: REG. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC and open to University students (without lab) as elective. All cadets ARE REQUIRED to attend the corps assembly on Jan 22 & 24 from 0750-0850, Room 0135 of the Armory. 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3108) LAB
0201 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0211 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3109) LAB

ARSC321 National Security Forces in Contemporary American Society II; Grade Method: REG. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all seniors in AFROTC and open to University students (without lab) as elective. All cadets are required to attend the assembly on Jan 22 & 24 from 0750-0850, Room 0135 of the Armory. 3 credits
0101 Tu.....9:00am-11:30am (COL 3121) Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0111 Tu.....9:00am-11:30am (COL 3121) Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB
0201 TuTh.....2:00pm- 3:15pm (COL 3121) Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0211 TuTh.....2:00pm- 3:15pm (COL 3121) Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH200 Art of the Western World I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 260. 3 credits
0101 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Tu.....8:00am- 8:50am (ASY 3207) DIS
0102 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Th.....8:00am- 8:50am (ASY 3219) DIS
0103 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Tu.....2:00pm- 2:50pm (ASY 3219) DIS
0104 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Th.....3:00pm- 3:50pm (ASY 3221) DIS
0105 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Tu.....8:00am- 8:50am (ASY 3215) DIS
0106 TuTh.....9:30am-10:20am (ASY 2203) Lettieri, D
Th.....1:00pm- 1:50pm (ASY 3219) DIS

ARTH201 Art of the Western World II; Grade Method: REG/P-F/AUD. CORE Distributive Studies 3 credits

Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 261.

0101	MW.....12:00pm-12:50pm (ASY 2309)		Hargrove, J
	M.....9:00am- 9:50am (ASY 3219)	DIS	
0102	MW.....12:00pm-12:50pm (ASY 2309)		Hargrove, J
	W.....9:00am- 9:50am (ASY 3219)	DIS	
0103	MW.....12:00pm-12:50pm (ASY 2309)		Hargrove, J
	M.....2:00pm- 2:50pm (ASY 3215)	DIS	
0104	MW.....12:00pm-12:50pm (ASY 2309)		Hargrove, J
	W.....2:00pm- 2:50pm (ASY 3215)	DIS	
0201	TuTh.....9:30am-10:20am (ASY 2309)		Pressly, W
	Tu.....11:00am-11:50am (ASY 3217)	DIS	
0202	TuTh.....9:30am-10:20am (ASY 2309)		Pressly, W
	Tu.....12:30pm- 1:20pm (ASY 3217)	DIS	
0203	TuTh.....9:30am-10:20am (ASY 2309)		Pressly, W
	Th.....2:00pm- 2:50pm (ASY 3219)	DIS	
0204	TuTh.....9:30am-10:20am (ASY 2309)		Pressly, W
	Tu.....12:30pm- 1:20pm (ASY 3219)	DIS	
0301	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	M.....9:00am- 9:50am (ASY 3215)	DIS	
0302	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	M.....12:00pm-12:50pm (ASY 3211)	DIS	
0303	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	M.....1:00pm- 1:50pm (ASY 3211)	DIS	
0304	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	W.....9:00am- 9:50am (ASY 3215)	DIS	
0305	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	W.....12:00pm-12:50pm (ASY 3211)	DIS	
0306	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	W.....1:00pm- 1:50pm (ASY 3211)	DIS	
0307	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	F.....9:00am- 9:50am (ASY 3215)	DIS	
0308	MW.....11:00am-11:50am (ASY 2203)		Colantuono, A
	F.....12:00pm-12:50pm (ASY 3211)	DIS	

ARTH275 Art of Africa; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. Formerly ARTH 284. — 3 credits

0101	TuTh.....12:30pm- 1:20pm (ASY 2309)		Eyo, E
	M.....12:00pm-12:50pm (ASY 3215)	DIS	
0102	TuTh.....12:30pm- 1:20pm (ASY 2309)		Eyo, E
	Th.....8:30am-10:20am (ASY 3219)	DIS	
0103	TuTh.....12:30pm- 1:20pm (ASY 2309)		Eyo, E
	Th.....2:00pm- 2:50pm (ASY 3221)	DIS	
0104	TuTh.....12:30pm- 1:20pm (ASY 2309)		Eyo, E
	Tu.....8:00am- 8:50am (ASY 3219)	DIS	

ARTH290 Art of Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 262. — 3 credits

0101	MW.....9:00am- 9:50am (ASY 2309)		Sandler, M
	M.....12:00pm-12:50pm (ASY 3219)	DIS	
0102	MW.....9:00am- 9:50am (ASY 2309)		Sandler, M
	W.....12:00pm-12:50pm (ASY 3219)	DIS	
0103	MW.....9:00am- 9:50am (ASY 2309)		Sandler, M
	M.....1:00pm- 1:50pm (ASY 3215)	DIS	
0104	MW.....9:00am- 9:50am (ASY 2309)		Sandler, M
	W.....1:00pm- 1:50pm (ASY 3215)	DIS	

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTH 387. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTH 386. — 1-3 credits

ARTH395 Art of Japan; Grade Method: REG/P-F/AUD. Formerly ARTH 407. — 3 credits

0101	MWF.....11:00am-11:50am (ASY 2309)	Sandler, M

ARTH406 Byzantine Art; Grade Method: REG/P-F/AUD. Formerly ARTH 411. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3215)	Spiro, M

ARTH411 Gothic Art; Grade Method: REG/P-F/AUD. Formerly ARTH 413. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3219)	Denny, D

ARTH415 Italian Renaissance Art; Grade Method: REG/P-F/AUD. Formerly ARTH 424. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ASY 3215)	Lettieri, D

ARTH425 Sixteenth-Century Northern European Painting; Grade Method: REG/P-F/AUD. Formerly ARTH 417. — 3 credits

0101	MWF.....11:00am-11:50am (ASY 3215)	Caswell, J

ARTH444 British Painting, Hogarth to the Pre-Raphaelites; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ASY 3215)	Pressly, W

ARTH455 Twentieth-Century Art to 1945; Grade Method: REG/P-F/AUD. Formerly ARTH 450. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ASY 3211)	Burnham, J

ARTH456 Twentieth-Century Art from 1945; Grade Method: REG/P-F/AUD. Formerly ARTH 451. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ASY 3211)	Withers, J

ARTH489A (PermReq) Special Topics in Art History: Principles and Theory of African-American Art; Grade Method: REG/AUD. — 3 credits

0101	MW.....1:30pm- 2:45pm (ASY 1309)	Driskell, D

ARTH490 Chinese Painting; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3211)	Kuo, J

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH638 Studies in Seventeenth-Century Southern European Art; Grade Method: REG/AUD. — 3 credits

0101	F.....1:00pm- 3:40pm (ASY 4304)	Colantuono, A

ARTH648 Studies in Eighteenth-Century European Art: British History Painting; Grade Method: REG/AUD. — 3 credits

0101	M.....6:30pm- 9:10pm (ASY 4306)	Pressly, W

ARTH689 Studies in African Art; Grade Method: REG/AUD. — 3 credits

0101	Th.....3:30pm- 6:10pm (ASY 4304)	Eyo, E

ARTH718 Seminar in Medieval Art; Grade Method: REG/AUD. — 3 credits

0101	Tu.....3:30pm- 6:00pm (ASY 4304)	Denny, D

ARTH739 Seminar in Seventeenth-Century Northern European Art; Grade Method: REG/AUD. — 3 credits

0101	M.....3:00pm- 5:40pm (ASY 4304)	Wheelock Jr., A

ARTH749 Seminar in Nineteenth-Century European Art; Grade Method: REG/AUD. — 3 credits

0101	W.....3:00pm- 5:40pm (ASY 4304)	Hargrove, J

ARTH758 Seminar in American Art: Artists and American Art Institutions at the Turn of the Century; Grade Method: REG. — 3 credits

0101	Th.....3:30pm- 6:10pm (ASY 4306)	Owens, G

ARTH758A Seminar in Twentieth-Century Art: Criticism from 1955 in American and European Art; Grade Method: REG/AUD. — 3 credits

0101	Th.....7:00pm- 9:40pm (ASY 4304)	Burnham, J

ARTH758B Seminar in Twentieth-Century Art; Grade Method: REG/AUD. — 3 credits

0101	W.....6:00pm- 8:40pm (ASY 4304)	Withers, J

ARTH778 Seminar in Chinese Art; Grade Method: REG/AUD. — 3 credits

0101	Tu.....7:00pm- 9:40pm (ASY 4306)	Kuo, J

ARTH798 Directed Graduate Studies in Art History; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ARTH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ARTT Art Studio — (Arts and Humanities)

ARTT100 Elements of Design; Grade Method: REG/P-F/AUD. Formerly ARTS 100. — 3 credits

0101	TuTh.....9:00am-11:00am (ASY 2314)	LAB	Demonte, C
0201	TuTh.....9:00am-11:00am (ASY 2318)	LAB	Demonte, C
0301	MW.....12:30pm- 2:30pm (ASY 2314)	LAB	Krushenick, N
0401	MW.....12:30pm- 2:30pm (ASY 2318)	LAB	Krushenick, N
0501	MW.....3:00pm- 5:00pm (ASY 2314)	LAB	Demonte, C
0601	MW.....3:00pm- 5:00pm (ASY 2318)	LAB	Demonte, C
0701	TuTh.....12:30pm- 2:30pm (ASY 2314)	LAB	Lapinski, T
0801	TuTh.....12:30pm- 2:30pm (ASY 2318)	LAB	Lapinski, T

ARTT110 Elements of Drawing; Grade Method: REG/P-F/AUD. Formerly ARTS 110. — 3 credits

0101	MW.....9:30am-12:00pm (ASY 2317)	LAB	Humphrey, M
0201	MW.....9:30am-12:00pm (ASY 2321)	LAB	Humphrey, M
0301	MW.....3:00pm- 5:30pm (ASY 2317)	LAB	STAFF
0401	MW.....3:00pm- 5:30pm (ASY 2321)	LAB	STAFF
0501	TuTh.....12:00pm- 2:30pm (ASY 2317)	LAB	Craig, P
0601	TuTh.....12:00pm- 2:30pm (ASY 2321)	LAB	Craig, P
0701	TuTh.....3:00pm- 5:30pm (ASY 2317)	LAB	Blotner, P
0801	TuTh.....3:00pm- 5:30pm (ASY 2321)	LAB	Blotner, P

ARTT208A Design: The Photographic Eye; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....12:30pm- 3:00pm (ASY M1328)	LAB	Coppin, K
0201	MW.....3:00pm- 5:30pm (ASY M1328)	LAB	Coppin, K

ARTT208D Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:00pm- 5:30pm (ASY 2314)	LAB	McCarty, J
0201	TuTh.....3:00pm- 5:30pm (ASY 2318)	LAB	McCarty, J

ARTT210 Intermediate Drawing; Grade Method: REG/P-F/AUD. Prerequisites: ARTT 100; and ARTT 110. Formerly ARTS 210. — 3 credits

0101	MW.....12:30pm- 3:00pm (ASY 2317)	LAB	Kehoe, P
0201	TuTh.....9:00am-11:30am (ASY 2317)	LAB	Morrison, K
0301	TuTh.....9:00am-11:30am (ASY 2321)	LAB	Morrison, K
0401	MW.....3:00pm- 5:30pm (ASY 2315)	LAB	Driskell, D

ARTT320 Elements of Painting; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 320. Section 0401 focuses on watercolor. — 3 credits

0101	MW.....3:00pm- 5:30pm (ASY 3318)	LAB	Kehoe, P
0201	MW.....3:00pm- 5:30pm (ASY 3322)	LAB	Kehoe, P
0301	TuTh.....12:30pm- 3:00pm (ASY 3318)	LAB	Niese, H
0401	TuTh.....12:30pm- 3:00pm (ASY 3322)	LAB	Niese, H
0501	MW.....9:00am-11:30am (ASY 3318)	LAB	Richardson, W

ARTT334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 334. Section 0101 focuses on steel; section 0201 focuses on wood. — 3 credits

0101	MW.....3:00pm- 5:30pm (ASY 1314)	LAB	Ruppert, J
0201	TuTh.....9:00am-11:30am (ASY 1311)	LAB	Blotner, P

ARTT335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 335. — 3 credits

0201	TuTh.....12:30pm- 3:00pm (ASY 1314)	LAB	McCarty, J

ARTT341 Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 341. — 3 credits

0101	TuTh.....12:00pm- 2:30pm (ASY 1317)	Forbes Jr., J

ARTT344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 344. — 3 credits

0101	TuTh.....9:00am-11:30am (ASY 1317)	LAB	Lapinski, T

ARTT386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTT 387. — 1-3 credits

ARTT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ARTT 386. — 1-3 credits

ARTT418 Drawing; Grade Method: REG/P-F/AUD. Repeatable for up to 12 credits. — 3 credits

0101	MW.....12:30pm- 3:00pm (ASY 2315)	LAB	Humphrey, M
0201	TuTh.....3:30pm- 6:00pm (ASY 2322)	LAB	Forbes Jr., J
0301	TuTh.....9:00am-11:30am (ASY 2322)	LAB	Niese, H

ARTT418C Drawing: Contemporary Approach to Drawing; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....9:00am-11:30am (ASY 2315)	LAB	Ruppert, J

ARTT428 Painting; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW..... 3:00pm- 5:30pm (ASY 3312)	LAB	Krushenick, N
0201	MW.....3:00pm- 5:30pm (ASY 3318)	LAB	Krushenick, N
0301	TuTh.....9:00am-11:30am (ASY 3318)	LAB	Craig, P
0401	MW.....9:00am-11:30am (ASY 3322)	LAB	Richardson, W

ARTT438A (PermReq) Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....12:30pm- 3:00pm (ASY 1310)	LAB	Ruppert, J

ARTT438B Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 3:00pm (ASY 1314)	LAB	McCarty, J

ARTT438C (PermReq) Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....3:00pm- 5:30pm (ASY 1314)	LAB	Ruppert, J

ARTT438D (PermReq) Sculpture: Wood/Mixed Media Construction; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 3:00pm (ASY 1311)	LAB	Blotner, P

ARTT448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....9:00am-11:30am (ASY 1317)	Pogue, S

ARTT448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....8:00am-11:30am (ASY 1317)	LAB	Lapinski, T
0201	MW.....3:00pm- 5:30pm (ASY 1317)	LAB	Humphrey, M

ARTT489A (PermReq) Special Problems in Studio Arts: Principles and Theory of African-American Art; Grade Method: REG/AUD. — 3 credits

0101	MW.....1:30pm- 2:45pm (ASY 1309)	Driskell, D

ARTT489B Special Problems in Studio Arts: Artist's Survival Seminar; Grade Method: REG/AUD. — 3 credits

0101	Th.....12:00pm- 2:30pm (ASY 1309)	Demonte, C

ARTT498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTT610 Drawing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 610. — 3 credits

ARTT620 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 620. — 3 credits

ARTT624 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 624. — 3 credits

ARTT626 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 626. — 3 credits

ARTT627 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 627. — 3 credits

ARTT630 Experimentation in Sculpture; Grade Method: REG/AUD. Formerly ARTS 630. Advanced special students require permission of department. — 3 credits

0101	Time and room to be arranged	Blotner, P
1301	Time and room to be arranged	Ruppert, J

ARTT634 Experimentation in Sculpture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 634. — 3 credits

ARTT644 Printmaking; Grade Method: REG/AUD. Formerly ARTS 644. Advanced special students require permission of the department. — 3 credits

0401	Time and room to be arranged	Forbes Jr., J
1101	Time and room to be arranged	Lapinski, T
1601	Time and room to be arranged	Pogue, S

ARTT646 Printmaking; Grade Method: REG/AUD. Formerly ARTS 646. Advanced special students require permission of the department. — 3 credits

0401	Time and room to be arranged	Forbes Jr., J
1101	Time and room to be arranged	Lapinski, T
1601	Time and room to be arranged	Pogue, S

ARTT689A Special Problems in Studio Art: Graduate Seminar; Grade Method: REG/AUD. — 3 credits

0101	F.....9:00am-12:00pm (ASY 2322)	Truitt, A

ARTT698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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ASTR Astronomy — (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD. Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 110 or ASTR 111. University Studies Program Distributive Studies Area B Course non-lab science and mathematics requirement. If ASTR 110 or ASTR 111 are taken at the same, or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet first week. Attend lecture before coming to discussion section. — 3 credits

0101	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	M.....9:00am- 9:50am (CSS 1113)	DIS	
0102	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	M.....10:00am-10:50am (CSS 0201)	DIS	
0103	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	M.....2:00pm- 2:50pm (CSS 0201)	DIS	
0104	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	M.....3:00pm- 3:50pm (CSS 0201)	DIS	
0105	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	W.....9:00am- 9:50am (CSS 1113)	DIS	
0106	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	W.....12:00pm-12:50pm (CSS 0201)	DIS	
0107	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	W.....3:00pm- 3:50pm (CSS 1113)	DIS	
0108	TuTh.....9:30am-10:45am (PHY 1412)		Vogel, S
	F.....10:00am-10:50am (CSS 0201)	DIS	
0201	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	Tu.....2:00pm- 2:50pm (CSS 1113)	DIS	
0202	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	M.....12:00pm-12:50pm (CSS 1113)	DIS	
0203	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	Tu.....4:00pm- 4:50pm (CSS 1113)	DIS	
0204	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	Th.....2:00pm- 2:50pm (CSS 1113)	DIS	
0205	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	Th.....3:00pm- 3:50pm (CSS 1113)	DIS	
0206	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	W.....12:00pm-12:50pm (CSS 1113)	DIS	
0207	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	F.....12:00pm-12:50pm (CSS 1113)	DIS	
0208	MWF.....9:00am- 9:50am (PHY 1412)		Deming, G
	F.....1:00pm- 1:50pm (CSS 1113)	DIS	
0301	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	M.....11:00am-11:50am (CSS 1113)	DIS	
0302	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	M.....1:00pm- 1:50pm (CSS 1113)	DIS	
0303	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	Tu.....3:00pm- 3:50pm (CSS 1113)	DIS	
0304	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	W.....11:00am-11:50am (CSS 1113)	DIS	
0305	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	W.....1:00pm- 1:50pm (CSS 1113)	DIS	
0306	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	Th.....4:00pm- 4:50pm (CSS 1113)	DIS	
0307	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	F.....9:00am- 9:50am (CSS 1113)	DIS	
0308	TuTh.....11:00am-12:15pm (PHY 1412)		Verschuur, G
	F.....11:00am-11:50am (CSS 1113)	DIS	

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F. Pre- or corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. Only open to students who have taken or are currently taking ASTR 100. Labs do not meet during first week of classes. — 1 credit

0101	M.....8:00am-10:00am (CSS 1109)	LAB	STAFF
0102	M.....10:30am-12:30pm (CSS 1109)	LAB	STAFF
0103	M.....1:00pm- 3:00pm (CSS 1109)	LAB	STAFF
0104	M.....3:30pm- 5:30pm (CSS 1109)	LAB	STAFF
0105	M.....6:00pm- 8:00pm (CSS 1109)	LAB	STAFF
0106	Tu.....8:00am-10:00am (CSS 1109)	LAB	STAFF
0107	Tu.....10:30am-12:30pm (CSS 1109)	LAB	STAFF
0108	Tu.....1:00pm- 3:00pm (CSS 1109)	LAB	STAFF
0109	Tu.....3:30pm- 5:30pm (CSS 1109)	LAB	STAFF
0110	Tu.....6:00pm- 8:00pm (CSS 1109)	LAB	STAFF
0111	W.....8:00am-10:00am (CSS 1109)	LAB	STAFF
0112	W.....10:30am-12:30pm (CSS 1109)	LAB	STAFF
0113	W.....1:00pm- 3:00pm (CSS 1109)	LAB	STAFF
0114	W.....3:30pm- 5:30pm (CSS 1109)	LAB	STAFF
0115	W.....6:00pm- 8:00pm (CSS 1109)	LAB	STAFF
0116	Th.....8:00am-10:00am (CSS 1109)	LAB	STAFF
0117	Th.....10:30am-12:30pm (CSS 1109)	LAB	STAFF
0118	Th.....1:00pm- 3:00pm (CSS 1109)	LAB	STAFF
0119	Th.....3:30pm- 5:30pm (CSS 1109)	LAB	STAFF
0120	Th.....6:00pm- 8:00pm (CSS 1109)	LAB	STAFF
0121	F.....8:00am-10:00am (CSS 1109)	LAB	STAFF
0122	F.....10:30am-12:30pm (CSS 1109)	LAB	STAFF
0123	F.....1:00pm- 3:00pm (CSS 1109)	LAB	STAFF
0124	F.....3:30pm- 5:30pm (CSS 1109)	LAB	STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. Open only to students who have taken or are currently taking ASTR 100. First meeting is week of Jan. 30 in CSS 1109. Class normally meets at Astronomy Lecture Building. — 1 credit

0101	Tu.....7:30pm- 9:30pm (ALB 1101)	LAB	STAFF
0201	W.....7:30pm- 9:30pm (ALB 1101)	LAB	STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. Pre- or corequisite: MATH 140. For science, mathematics, computer science and engineering majors only. Credit will be granted for only one of the following: ASTR 100 or ASTR 200. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (CSS 0201)	Zipoy, D

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department. Designed primarily for non-physical science majors. Junior standing. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (CSS 1113) Rose, W
0201 TuTh.....3:30pm- 4:45pm (CSS 2324) Theison, D

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Junior standing. 3 credits
0101 MWF.....10:00am-10:50am (CSS 1113) Matthews, T

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Junior standing. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Verschuur, G

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: PHYS 272 or PHYS 262 or PHYS 142 or permission of department; ASTR 200 or specific reading assignments during course. Corequisite: PHYS 293 or PHYS 263. Recommended for science majors only. 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Ahearn, M
W.....10:00am-10:50am (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Junior standing. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Theison, D
0201 MWF.....2:00pm- 2:50pm (CSS 1113) Deming, G

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR400 Stellar Astrophysics; Grade Method: REG/P-F/AUD. Prerequisite: ASTR 350. Corequisite: PHYS 420 or PHYS 421. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Kundu, M

ASTR410 Observational Astronomy I; Grade Method: REG/P-F/AUD. Prerequisites: PHYS 294 or PHYS 263; and 3 credits in astronomy. 3 credits
0101 MWF.....9:00am- 9:50am (CSS 0201) Mundy, L

ASTR420 Introduction to Galactic Research; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272 and ASTR 350 or equivalent or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (CSS 0201) Matthews, T

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR605 (PermReq) Stellar Interiors and Evolution; Grade Method: REG/AUD. Prerequisite: PHYS 410, PHYS 422 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Harrington, J

ASTR640 (PermReq) Radiation and Plasma Processes; Grade Method: REG/AUD. Corequisite: PHYS 606 or permission of department. 3 credits
0101 WF.....1:00pm- 2:15pm (CSS 0201) Papadopoulos, K

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BCHM Biochemistry (Life Sciences)

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 245. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Julin, D

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 461. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Hansen, J

BCHM464 Biochemistry Laboratory; Grade Method: REG/P-F/AUD. Corequisite: BCHM 462. 2 credits
0101 MW.....1:00pm- 3:50pm (CHM 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 3:50pm (CHM 2225) LAB STAFF

BCHM672 Biological Membranes; Grade Method: REG/AUD. 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Armstrong, R

BCHM673 Regulation of Metabolism; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0122) Gerlt, J

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry Seminar; Grade Method: REG/AUD. 1 credit
0101 Tu.....11:00am-11:50am (CHM 0124) Hansen, J

BCHM898B Seminar: Bioorganic Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Enzymology of Recombination; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Julin, D

BCHM898F Seminar: Bacterial Spores; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898J Seminar: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged DIS Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course headings: BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 102. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with BIOL 102, course may be counted as USP Distributive Studies Lab Science Course. For non-science majors. 3 credits
2201 MWF.....12:00pm-12:50pm (HJP 0226) Linder, H

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD. Pre- or corequisite: BIOL 101. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 101. For non-science majors. 1 credit
2222 Tu.....9:00am-12:00pm (ZOP 0249) LAB STAFF
2225 Tu.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF
2232 W.....9:00am-12:00pm (ZOP 0249) LAB STAFF
2235 W.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF
2242 Th.....9:00am-12:00pm (ZOP 0249) LAB STAFF
2245 Th.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105. 4 credits
5116 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....12:00pm- 3:00pm (HJP 2104) LAB
5119 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....3:00pm- 6:00pm (HJP 2103) LAB
5123 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (HJP 2104) LAB
5126 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....12:00pm- 3:00pm (HJP 2103) LAB
5129 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....3:00pm- 6:00pm (HJP 2104) LAB
5131 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....8:00am-11:00am (HJP 2103) LAB
5136 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....12:00pm- 3:00pm (HJP 2104) LAB
5139 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....3:00pm- 6:00pm (HJP 2104) LAB
5143 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (HJP 2103) LAB
5146 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....12:00pm- 3:00pm (HJP 2104) LAB
5149 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....3:00pm- 6:00pm (HJP 2103) LAB
5151 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
F.....8:00am-11:00am (HJP 2104) LAB
5156 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
F.....12:00pm- 3:00pm (HJP 2103) LAB
5214 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
M.....12:00pm- 2:00pm (HJP 2103) LAB
5219 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
M.....3:00pm- 6:00pm (HJP 2104) LAB
5223 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Tu.....9:00am-12:00pm (HJP 2103) LAB
5226 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Tu.....12:00pm- 3:00pm (HJP 2104) LAB
5229 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Tu.....3:00pm- 6:00pm (HJP 2103) LAB
5231 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
W.....8:00am-11:00am (HJP 2104) LAB
5234 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
W.....11:00am- 2:00pm (HJP 2103) LAB
5239 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
W.....3:00pm- 6:00pm (HJP 2103) LAB
5243 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Th.....9:00am-12:00pm (HJP 2104) LAB
5246 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Th.....12:00pm- 3:00pm (HJP 2103) LAB
5249 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
Th.....3:00pm- 6:00pm (HJP 2104) LAB
5251 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
F.....8:00am-11:00am (HJP 2103) LAB
5254 MWF.....2:00pm- 2:50pm (ZOP 1240) Cook, T
F.....11:00am- 2:00pm (HJP 2104) LAB

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 105. For science majors. 4 credits
6116 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
M.....12:00pm- 3:00pm (ZOP 0245) LAB
6119 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
M.....3:00pm- 6:00pm (ZOP 0245) LAB
6123 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Tu.....9:00am-12:00pm (ZOP 0245) LAB
6126 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Tu.....12:00pm- 3:00pm (ZOP 0245) LAB
6128 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Tu.....3:00pm- 6:00pm (ZOP 0245) LAB
6129 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Tu.....6:00pm- 9:00pm (ZOP 0245) LAB
6131 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
W.....8:00am-11:00am (ZOP 0245) LAB
6136 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
W.....12:00pm- 3:00pm (ZOP 0245) LAB
6139 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
W.....3:00pm- 6:00pm (ZOP 0245) LAB
6143 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Th.....9:00am-12:00pm (ZOP 0245) LAB
6146 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Th.....12:00pm- 3:00pm (ZOP 0245) LAB
6148 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Th.....3:00pm- 6:00pm (ZOP 0245) LAB
6149 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
Th.....6:00pm- 9:00pm (ZOP 0245) LAB
6151 MWF.....11:00am-11:50am (HJP 0226) Inouye, D
F.....8:00am-11:00am (ZOP 0245) LAB

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG. 1 credit
0101 F.....9:00am- 9:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM301 Introduction to Biometrics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 115. 3 credits
0101 TuTh.....12:00pm-12:50pm (CHE 2108) Russek-Cohen, E
Tu.....1:00pm- 1:50pm (CHE 2136) DIS
0102 TuTh.....12:00pm-12:50pm (CHE 2108) Russek-Cohen, E
Tu.....2:00pm- 2:50pm (CHM 0127) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F. Corequisite: BIOM 401. 1 credit
0101 Th.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM602 Biostatistics II; Grade Method: REG/AUD. Prerequisite: BIOM 401 or equivalent. 3 credits
0101 TuTh.....2:00pm- 2:50pm (HJP 2242) Douglass, L
Th.....3:00pm- 3:50pm (HJP 2242) DIS

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Douglass, L

BIOM698 (PermReq) Special Problems in Biometrics; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Douglass, L

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD. Not open to BMGT majors with 66 hours or more completed. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0130) Mattingly Jr, J

BMGT220 Principles of Accounting I; Grade Method: REG. Sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....8:00am- 8:50am (TYD 1140) DIS
0102 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....9:00am- 9:50am (ARM 0119) DIS
0103 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....10:00am-10:50am (ARM 0119) DIS
0104 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....11:00am-11:50am (COL 3112) DIS
0105 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....12:00pm-12:50pm (DNC 1139B) DIS
0106 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....1:00pm- 1:50pm (DNC 1139B) DIS
0107 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
Th.....2:00pm- 2:50pm (COL 3112) DIS
0108 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
F.....11:00am-11:50am (TYD 2109) DIS
0109 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
F.....12:00pm-12:50pm (TYD 2109) DIS
0110 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
F.....1:00pm- 1:50pm (TYD 1109) DIS
0111 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
F.....2:00pm- 2:50pm (ARM 0119) DIS
0112 MW.....4:00pm- 5:15pm (TYD 0130) STAFF
F.....3:00pm- 3:50pm (TYD 2110) DIS

BMGT221 Principles of Accounting II; Grade Method: REG. Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....8:00am- 8:50am (DNC 1147A) DIS
0102 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....9:00am- 9:50am (DNC 1147A) DIS
0103 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....10:00am-10:50am (DNC 1147A) DIS
0104 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....11:00am-11:50am (DNC 1147A) DIS
0105 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....12:00pm-12:50pm (DNC 1147A) DIS
0106 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....1:00pm- 1:50pm (DNC 1147A) DIS
0107 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....2:00pm- 2:50pm (DNC 1147A) DIS
0108 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....3:00pm- 3:50pm (DNC 1147A) DIS
0109 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
Th.....4:00pm- 4:50pm (DNC 1147A) DIS
0110 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
F.....11:00am-11:50am (DNC 1147A) DIS
0111 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
F.....12:00pm-12:50pm (DNC 1147A) DIS
0112 MW.....5:30pm- 6:45pm (TYD 0130) Hardy, K
F.....1:00pm- 1:50pm (DNC 1147A) DIS
0201 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....8:00am- 8:50am (DNC 1147A) DIS
0202 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....9:00am- 9:50am (DNC 1147A) DIS
0203 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....10:00am-10:50am (DNC 1147A) DIS
0204 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....11:00am-11:50am (DNC 1147A) DIS
0205 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....12:00pm-12:50pm (DNC 1147A) DIS
0206 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....1:00pm- 1:50pm (DNC 1147A) DIS
0207 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
M.....2:00pm- 2:50pm (DNC 1147A) DIS
0208 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....11:00am-11:50am (DNC 1139B) DIS
0209 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....12:00pm-12:50pm (DNC 1139B) DIS
0210 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....8:00am- 8:50am (DNC 1147A) DIS
0211 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....9:00am- 9:50am (DNC 1147A) DIS
0212 TuTh.....9:30am-10:45am (TYD 0130) Rymer, V
F.....10:00am-10:50am (DNC 1147A) DIS

BMGT230 Business Statistics; Grade Method: REG. Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TYD 2102) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TYD 2111) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TYD 2108) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TYD 1128) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 8:50am (TYD 0102) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....9:00am- 9:50am (TYD 0102) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....10:00am-10:50am (TYD 0102) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....12:00pm-12:50pm (TYD 0102) DIS
0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....1:00pm- 1:50pm (TYD 0102) DIS
0110 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....2:00pm- 2:50pm (TYD 0102) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....3:00pm- 3:50pm (TYD 0102) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....4:00pm- 4:50pm (TYD 0102) DIS

BMGT231 Statistical Models For Business; Grade Method: REG. Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1140) Jain, K

BMGT301 Introduction to Data Processing; Grade Method: REG. This is a restricted course for BMGT majors and students with major codes 08380 and 0803H with 53 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....3:30pm- 4:45pm (SHM 2101) Chaires Jr., J
F.....8:00am- 8:50am (TYD 1118) LAB
0102 MW.....3:30pm- 4:45pm (SHM 2101) Chaires Jr., J
F.....9:00am- 9:50am (TYD 1118) LAB
0103 MW.....3:30pm- 4:45pm (SHM 2101) Chaires Jr., J
F.....10:00am-10:50am (TYD 1118) LAB
0104 MW.....3:30pm- 4:45pm (SHM 2101) Chaires Jr., J
F.....11:00am-11:50am (TYD 1118) LAB
0201 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....8:00am- 8:50am (TYD 2102) LAB
0202 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....9:00am- 9:50am (TYD 2102) LAB
0203 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....10:00am-10:50am (TYD 2102) LAB
0204 TuTh.....8:00am- 9:15am (SHM 2101) Spear, R
F.....11:00am-11:50am (TYD 0102) LAB

BMGT302 Information Systems Implementation Techniques; Grade Method: REG. Prerequisite: BMGT 301. This is a restricted course for BMGT majors and students with major code 08380 with 88 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....2:00pm- 3:15pm (HZF 1106) Chaires Jr., J

BMGT310 Intermediate Accounting I; Grade Method: REG. Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 hours completed. All others must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1140) Wong, T
0201 TuTh.....11:00am-12:15pm (SYM 1308) Wong, T
0301 MW.....2:00pm- 3:15pm (TYD 0102) Main, D
0401 MW.....3:30pm- 4:45pm (TYD 1140) Main, D

BMGT311 Intermediate Accounting II; Grade Method: REG. Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This course is restricted to accounting majors with 65 semester hours completed. All others must have authorization form. 3 credits

0101 TuTh.....9:30am-10:45am (TYD 2110) Jang, J
0201 TuTh.....11:00am-12:15pm (TYD 0102) Jang, J
0301 TuTh.....12:30pm- 1:45pm (TYD 2110) Thompson, R
0401 TuTh.....2:00pm- 3:15pm (TYD 2108) Thompson, R

BMGT321 Cost Accounting; Grade Method: REG. 3 credits
Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form.
0101 MWF.....8:00am- 9:50am (TYD 0117) Surysekar, K
0201 MWF.....12:00pm-12:50pm (TYD 0117) Surysekar, K
0301 TuTh.....8:30am-10:45am (ARM 0105) Amlie, T
0401 TuTh.....11:00am-12:15pm (TYD 1118) Loeb, M
0501 TuTh.....12:30pm- 1:45pm (TYD 2108) Loeb, M

BMGT323 Income Tax Accounting; Grade Method: REG. 3 credits
Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 semester hours completed. All others must have authorization form.
0101 MW.....11:00am-12:15pm (TYD 1114) Pantalone Jr.,
0301 TuTh.....2:00pm- 3:15pm (TYD 0102) Pantalone Jr.,
0401 TuTh.....3:30pm- 4:45pm (TYD 2111) Pantalone Jr.,

BMGT326 Accounting Systems; Grade Method: REG. 3 credits
Prerequisites: BMGT 301; and BMGT 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form.
0101 TuTh.....11:00am-12:15pm (TYD 0111) Kandelin, N
0201 TuTh.....12:30pm- 1:45pm (TYD 0111) Kandelin, N

BMGT332 Operations Research For Management Decisions; Grade Method: REG. 3 credits
Prerequisite: BMGT 230. Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form.
0101 MW.....9:30am-10:45am (TYD 1140) Fromovitz, S
0201 MW.....11:00am-12:15pm (TYD 1140) Fromovitz, S
0301 TuTh.....8:00am- 9:15am (TYD 2102) Lin, F
0401 TuTh.....9:30am-10:45am (TYD 1102) Lin, F
0501 TuTh.....2:00pm- 3:15pm (TYD 1102) Kaku, B

BMGT340 Business Finance; Grade Method: REG. 3 credits
Prerequisites: BMGT 221; and [BMGT 230 or BMGT 231]. This course is restricted to BMGT majors and students with major code 0111C with 53 semester hours completed. All others must have authorization form.
0101 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
Th.....8:00am- 8:50am (TYD 1132) DIS Pichler, P
0102 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....1:00pm- 1:50pm (TYD 2102) DIS Pichler, P
0103 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....2:00pm- 2:50pm (TYD 1118) DIS Pichler, P
0104 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
Th.....8:00am- 8:50am (TYD 2108) DIS Pichler, P
0105 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....8:00am- 8:50am (TYD 0111) DIS Pichler, P
0106 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....8:00am- 8:50am (TYD 2111) DIS Pichler, P
0107 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....9:00am- 9:50am (TYD 0111) DIS Pichler, P
0108 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....9:00am- 9:50am (TYD 1140) DIS Pichler, P
0109 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....10:00am-10:50am (TYD 0111) DIS Pichler, P
0110 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....11:00am-11:50am (TYD 0130) DIS Pichler, P
0111 MW.....1:00pm- 2:15pm (TYD 2102) DIS Pichler, P
F.....12:00pm-12:50pm (TYD 0130) Pichler, P
0112 MW.....1:00pm- 2:15pm (TYD 0130) Pichler, P
F.....12:00pm-12:50pm (TYD 0111) DIS

BMGT343 Investments; Grade Method: REG. 3 credits
Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (TYD 1128) Chen, S
0201 MW.....9:30am-10:45am (TYD 0111) Madan, D
0301 MW.....11:00am-12:15pm (TYD 0111) Madan, D

BMGT350 Marketing Principles and Organization; 3 credits
Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0111C, 0602A, 0602F, 0803C, 08380, 1303A, 1303B, 1303C, 1303E and 1304A must have 70 semester hours completed. All others must have authorization forms.
0101 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
M.....8:00am- 8:50am (TYD 2106) DIS Jolson, M
0102 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
Tu.....8:00am- 8:50am (TYD 1140) DIS Jolson, M
0103 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....8:00am- 8:50am (TYD 2106) DIS Jolson, M
0104 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....8:00am- 8:50am (TYD 2108) DIS Jolson, M
0105 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....9:00am- 9:50am (TYD 2108) DIS Jolson, M
0106 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....10:00am-10:50am (TYD 2108) DIS Jolson, M
0107 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....11:00am-11:50am (TYD 2108) DIS Jolson, M
0108 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....12:00pm-12:50pm (TYD 2108) DIS Jolson, M
0109 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....1:00pm- 1:50pm (TYD 2108) DIS Jolson, M
0110 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....2:00pm- 2:50pm (TYD 2108) DIS Jolson, M
0111 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....3:00pm- 3:50pm (TYD 2108) DIS Jolson, M
0112 TuTh.....2:00pm- 3:15pm (TYD 0130) Jolson, M
F.....4:00pm- 4:50pm (TYD 2108) DIS

BMGT354 Promotion Management; Grade Method: REG. 3 credits
Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F, 1303B, 1303E and 1304A with 60 semester hours completed. All others must have authorization form.
0201 MW.....9:30am-10:45am (TYD 2108) Arunthanes, W
0301 TuTh.....9:30am-10:45am (ASY 3221) Beasley, F
0401 TuTh.....2:00pm- 3:15pm (COL 0104) Poist, H

BMGT360 Personnel Management; Grade Method: REG. 3 credits
This course is open to all students with 53 semester hours completed.
0101 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
W.....4:00pm- 4:50pm (TYD 0101) LAB Kovach, K
0102 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....8:00am- 8:50am (TYD 1140) LAB Kovach, K
0103 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....10:00am-10:50am (TYD 1140) LAB Kovach, K
0104 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....11:00am-11:50am (TYD 1140) LAB Kovach, K
0105 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....12:00pm-12:50pm (TYD 1140) LAB Kovach, K
0106 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....1:00pm- 1:50pm (TYD 0111) LAB Kovach, K
0107 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....2:00pm- 2:50pm (TYD 0111) LAB Kovach, K
0108 TuTh.....8:00am- 9:15am (TYD 0130) Kovach, K
F.....3:00pm- 3:50pm (TYD 0111) LAB

BMGT362 Labor Relations; Grade Method: REG. This 3 credits
course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization form .
0201 TuTh.....9:30am-10:45am (TYD 0102) Levine, M

BMGT364 Management and Organization Theory; Grade 3 credits
Method: REG. This course is restricted to BMGT majors and students with major codes 01110, 0111C, 1303B, 1303E, and 1304A with 53 semester hours completed. All others must have authorization form.
0101 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
M.....8:00am- 8:50am (TYD 0101) LAB Bartol, K
0102 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
M.....8:00am- 8:50am (TYD 2108) LAB Bartol, K
0103 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
M.....8:00am- 8:50am (TYD 1140) LAB Bartol, K
0104 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
Th.....8:00am- 8:50am (TYD 2109) LAB Bartol, K
0105 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....12:00pm-12:50pm (TYD 1118) LAB Bartol, K
0106 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....1:00pm- 1:50pm (TYD 1140) LAB Bartol, K
0107 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....1:00pm- 1:50pm (TYD 1118) LAB Bartol, K
0108 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....2:00pm- 2:50pm (TYD 1140) LAB Bartol, K
0109 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....2:00pm- 2:50pm (TYD 2102) LAB Bartol, K
0110 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....3:00pm- 3:50pm (TYD 1108) LAB Bartol, K
0111 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....3:00pm- 3:50pm (TYD 1118) LAB
0112 MW.....2:30pm- 3:45pm (TYD 0130) Bartol, K
F.....4:00pm- 4:50pm (TYD 2102) LAB

BMGT370 Principles of Transportation; Grade 3 credits
Method: REG. Prerequisite: ECON 203; or ECON 205. This course open to all students with 53 semester hours completed.
0101 MW.....9:30am-10:45am (TYD 0102) Grimm, C
0201 MW.....11:00am-12:15pm (TYD 0102) Grimm, C
0301 TuTh.....2:00pm- 3:15pm (TYD 2109) Dresner, M

BMGT372 Traffic and Physical Distribution 3 credits
Management; Grade Method: REG. This course is restricted to BMGT majors with 53 semester hours completed.
0201 TuTh.....2:00pm- 3:15pm (LEF 2166) Jarrell, J
0301 TuTh.....3:30pm- 4:45pm (TYD 1128) Jarrell, J

BMGT380 Business Law I; Grade Method: REG. This 3 credits
course is restricted to BMGT majors and students with major codes 0111C, 0803C, 0803H and 08380 with 53 semester hours completed. All others must have authorization form.
0101 MW.....3:30pm- 4:45pm (TYD 0117) Leete, B
0201 TuTh.....8:00am- 9:15am (TYD 0117) Goldman, R
0301 TuTh.....12:30pm- 1:45pm (TYD 0117) Ostas, D
0401 TuTh.....2:00pm- 3:15pm (TYD 0117) Ostas, D

BMGT381 Business Law II; Grade Method: REG. 3 credits
Prerequisite: BMGT 380 or permission of department. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form.
0201 TuTh.....9:30am-10:45am (TYD 2109) Stockdale, D

BMGT385 Production Management; Grade Method: REG. 3 credits
This course is restricted to BMGT majors and students with major code 0839A and 0111C with 53 semester hours completed. All others must have authorization form.
0101 TuTh.....12:30pm- 1:45pm (TYD 2102) Kaku, B
F.....10:00am-10:50am (TYD 2109) DIS

BMGT386 Field Work; Grade Method: REG. Individual 1-3 credits
(PermReq) Instruction course: contact department or instructor to obtain section number. Corequisite: BMGT 387.

BMGT387 Field Work Analysis; Grade Method: REG. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section numbe. . Corequisite: BMGT 386.

BMGT398 Individual Study in Business and 1-3 credits
(PermReq) Management; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

BMGT405 Business Telecommunications; Grade Method: 3 credits
REG. Prerequisite: BMGT 301. Restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 MW.....9:30am-10:45am (TYD 1136) Hevner, A

BMGT407 Info Systems Projects; Grade Method: REG. 3 credits
Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing. Restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 MW.....11:00am-12:15pm (TYD 1136) Alavi, M

BMGT417 Advanced Tax Accounting; Grade Method: 3 credits
REG. Prerequisites: BMGT 311; and BMGT 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (ASY 3217) LeClere, M
0201 TuTh.....3:30pm- 4:45pm (TYD 0117) LeClere, M

BMGT422 Auditing Theory and Practice; Grade 3 credits
Method: REG. Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 MW.....9:30am-10:45am (TYD 2102) Coate, C
0201 MW.....12:30pm- 1:45pm (TYD 2109) Coate, C

BMGT424 Advanced Accounting; Grade Method: REG. 3 credits
Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0201 TuTh.....2:00pm- 3:15pm (HZF 1106) Rymer, V
0301 TuTh.....3:30pm- 4:45pm (TYD 1118) Rymer, V

BMGT430 Linear Statistical Models in Business; 3 credits
Grade Method: REG. Prerequisite: BMGT 230 or BMGT 231 or permission of department. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form.
0101 TuTh.....12:30pm- 1:45pm (TYD 1118) Abdul-Wahab, F
0201 TuTh.....3:30pm- 4:45pm (TYD 1140) Abdul-Wahab, F

BMGT434 Introduction to Optimization Theory; Grade 3 credits
Method: REG. Prerequisite: MATH 220; or permission of department. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 MW.....2:00pm- 3:15pm (TYD 1118) Bodin, L
F.....9:00am- 9:50am (TYD 2109) DIS

BMGT435 Introduction to Applied Probability 3 credits
Models; Grade Method: REG. Prerequisite: BMGT 231 or permission of department. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 MW.....3:30pm- 4:30pm (TYD 2108) Fu, M
F.....8:00am- 8:50am (TYD 2109) DIS

BMGT440 Financial Management; Grade Method: REG. 3 credits
Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form.
0101 MW.....9:30am-10:45am (TYD 2109) Byun, J
0201 TuTh.....2:00pm- 3:15pm (ARM 0119) Soubra, B
0301 TuTh.....3:30pm- 4:45pm (TYD 0111) Soubra, B

BMGT443 Security Analysis and Valuation; Grade 3 credits
Method: REG. Prerequisite: BMGT 343. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form.
0101 MW.....2:00pm- 3:15pm (TYD 2108) Haslem, J

BMGT444 Futures Contracts and Options; Grade 3 credits
Method: REG. Prerequisite: BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form.
0101 TuTh.....3:30pm- 4:45pm (TYD 0102) Chang, E

BMGT445 Commercial Bank Management; Grade Method: 3 credits
REG. Prerequisites: BMGT 340; and ECON 430. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form.
0101 MW.....3:30pm- 4:45pm (TYD 0111) Unal, H

BMGT451 Consumer Analysis; Grade Method: REG. 3 credits
Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 68 hours completed. All others must have authorization form.
0201 TuTh.....11:00am-12:15pm (HBK 1116) Hanson, C
0301 TuTh.....12:30pm- 1:45pm (TYD 2109) Durand, R
0401 MWF.....3:00pm- 3:50pm (TYD 0101) Welsh, K

BMGT452 Marketing Research Methods; Grade Method: 3 credits
REG. Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450. This course is restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (TYD 0111) Seshadri, S
0201 TuTh.....12:30pm- 1:45pm (TYD 2106) Seshadri, S

0301 MW.....2:00pm- 3:15pm (TYD 2109) Ali, A

BMGT454 International Marketing; Grade Method: 3 credits
REG. Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed.
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Greer, T

BMGT455 Sales Management; Grade Method: REG. 3 credits
Prerequisite: BMGT 350. This course is open to BMGT majors and students with major code 0803C with 72 semester hours completed. All others must have authorization form.
0101 TuTh.....11:00am-12:15pm (TYD 2102) Poist, H

BMGT456 Advertising; Grade Method: REG. 3 credits
Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303E, and 1304A with 60 semester hours completed. All others must have authorization form.
0101 TuTh.....9:30am-10:45am (TYD 2108) Stephens, D
0201 TuTh.....11:00am-12:15pm (TYD 2109) Stephens, D

BMGT457 Marketing Policies and Strategies; Grade 3 credits
Method: REG. Prerequisite: BMGT 452. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization form.
0101 TuTh.....12:30pm- 1:45pm (WDS 1130) Sengupta, S
0201 TuTh.....2:00pm- 3:15pm (TYD 0111) Sengupta, S
0301 MW.....12:30pm- 1:45pm (TYD 0111) Lefkoff, R
0401 MW.....3:30pm- 4:45pm (TYD 2109) Lefkoff, R

BMGT460 Personnel Management: Analysis and 3 credits
Problems; Grade Method: REG. Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form.
0101 W.....5:30pm- 8:10pm (TLF 0110) Dipietro, C

BMGT462 Labor Legislation; Grade Method: REG. 3 credits
This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form.
0101 TuTh.....11:00am-12:15pm (TYD 2108) Levine, M

BMGT464 Organizational Behavior; Grade Method: 3 credits
REG. Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form.
0101 TuTh.....2:00pm- 3:15pm (TYD 1132) Chah, D

BMGT470 Carrier Management; Grade Method: REG. 3 credits
Prerequisites: BMGT 370; and BMGT 372. This course is open to all students with 72 semester hours completed.
0101 TuTh.....9:30am-10:45am (TYD 2106) Taff, C

BMGT476 Applied Computer Models in Transportation 3 credits
and Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. Open to transportation majors. All others need authorization form.
0101 TuTh.....12:30pm- 1:45pm (TYD 2100) Dresner, M

BMGT477 International Transportation and 3 credits
Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. This course is open to transportation majors only. All others must have authorization form.
0101 MW.....9:30am-10:45am (ASY 3211) Gardner, L

BMGT482 Business and Government; Grade Method: 3 credits
REG. Prerequisite: ECON 203; or ECON 205. This course is restricted to BMGT majors. All others must have authorization form.
0101 TuTh.....3:30pm- 4:45pm (TYD 2109) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG. 3 credits
Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. Open only to graduating seniors in business and management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization form.
0101 MWF.....8:00am- 8:50am (TYD 1108) Renard, M
0201 MWF.....9:00am- 9:50am (TYD 1108) Renard, M
0301 MWF.....10:00am-10:50am (TYD 1108) Ostrow, M
0401 MWF.....11:00am-11:50am (TYD 1108) Ostrow, M
0501 MWF.....12:00pm-12:50pm (TYD 1108) Lee, H
0601 MWF.....1:00pm- 1:50pm (TYD 1108) Lee, H
0701 MWF.....2:00pm- 2:50pm (TYD 1108) Moon, C
0801 TuTh.....8:00am- 9:15am (TYD 1108) Fong, C
0901 TuTh.....9:30am-10:45am (TYD 1108) Young, G
1001 TuTh.....11:00am-12:15pm (TYD 1108) Young, G
1101 TuTh.....12:30pm- 1:45pm (TYD 1108) Wally, S
1201 TuTh.....2:00pm- 3:15pm (TYD 1108) Kinlein, B
1301 TuTh.....3:30pm- 4:45pm (TYD 1108) Kinlein, B

BMGT495A Business Policies; Grade Method: REG. 3 credits
Prerequisites: BMGT 340; and BMGT 350; and BMGT .364. Special section on small business problems. This is a restricted course for BMGT majors with 96 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm.
0101 W.....4:00pm- 6:40pm (TYD 1128) Moon, C

BMGT498A Special Topics in Business and Management: 3 credits
Quality Management; Grade Method: REG.
0101 MW.....12:30pm- 1:45pm (TYD 2108) Grimshaw, S

BMGT498F Special Topics in Business and Management: 3 credits
International Finance; Grade Method: REG. Prerequisite: BMGT 340. Restricted to finance majors with 72 semester hours comleted. All others must have authorization form.
0101 TuTh.....11:00am-12:15pm (TYD 2110) Chen, S

BMGT498M Special Topics in Business and Management: 3 credits
Accounting, Budgeting and Planning; Grade Method: REG/P-F. By permission of Arts and Humanities College Office only.
0101 TuTh.....11:00am-12:15pm (JMZ 0208) Silvester, K

BMGT498X Special Topics in Business and Management: 3 credits
Professionalism and Ethics in Accounting; Grade Method: REG/AUD. This course restricted to accounting majors with 72 hours completed. All others need authorization.
0101 MW.....3:30pm- 4:45pm (TYD 0102) Loeb, S

BMGT498Y Special Topics in Business and Management: 3 credits
Analytical Problem Solving; Grade Method: REG/P-F. By permission of Arts and Humanities College Office only.
0101 Th.....3:30pm- 6:30pm (TYD 1132) STAFF

BMGT611 Managerial Accounting I; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisite: BMGT 610. Majors only until first day of classes.
0101 TuTh.....11:00am-12:15pm (TYD 1140) Bedingfield, J
0201 TuTh.....12:30pm- 1:45pm (TYD 1140) Bedingfield, J
0301 MW.....2:00pm- 3:15pm (TYD 1140) Gordon, L
0401 M.....7:00pm- 9:40pm (LEF 2208) Gordon, L
0601 Th.....7:00pm- 9:40pm (TYD 2106) Fischetti, M

BMGT620 Management Information Systems; Grade 3 credits
Method: REG/AUD. Majors only until the first day of class.
0101 M.....7:00pm- 9:40pm (TYD 2108) Kenny, W
0201 Tu.....7:00pm- 9:40pm (TYD 1118) Betts, D
0301 W.....7:00pm- 9:40pm (TYD 1140) STAFF

BMGT631 Operations Research and Management; Grade 3 credits
(PermReq) Method: REG/AUD. Prerequisite: BMGT 630. Majors only until first day of classes.
0201 MW.....11:00am-12:15pm (TYD 2109) Bodin, L
0301 MW.....3:00pm- 4:15pm (TYD 1102) Gass, S

BMGT640 Financial Management; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisites: BMGT 610; and BMGT 630. Majors only until first day of classes.
0101 MW.....9:30am-10:45am (TYD 1118) Bradford, W
0201 MW.....11:00am-12:15pm (TYD 1118) Bradford, W
0301 M.....7:00pm- 9:40pm (TYD 2106) Senbet, L

BMGT650 Marketing Management; Grade Method: 3 credits
REG/AUD. Majors only until first day of classes.

0101 M.....7:00pm- 9:40pm (TYD 2102) Krapfel, R
0201 Tu.....7:00pm- 9:40pm (TYD 2102) Biehal, G
0301 W.....7:00pm- 9:40pm (TYD 1118) Biehal, G

BMGT660 Management and Organizational Behavior; Grade Method: REG/AUD. Majors only until first day of classes. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2102) Gannon, M
0201 MW.....12:30pm- 1:45pm (TYD 2102) Carroll Jr., S
0301 MW.....2:00pm- 3:15pm (TYD 2102) Carroll Jr., S

BMGT661 Human Resources Management; Grade Method: REG/AUD. Majors only until first day of classes. 3 credits
0101 W..... ..7:00pm- 9:40pm (TYD 2108) Taylor, M

BMGT671 Managerial Economics; Grade Method: REG/AUD. Majors only until first day of classes. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1118) Windle, R
0301 TuTh.....2:00pm- 3:15pm (TYD 1118) Scheraga, C
0401 M.....7:00pm- 9:40pm (TYD 1108) Simon, J
0501 Tu.....7:00pm- 9:40pm (TYD 0101) Windle, R
0601 W.....7:00pm- 9:40pm (TYD 0111) Huneke, W

BMGT672 Physical Distribution Management; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0111) Poist, R

BMGT680 (PermReq) Business and Public Policy; Grade Method: REG/AUD. Prerequisite: BMGT 670. Majors only until the first day of class. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2109) Stockdale, D
0201 Th.....7:00pm- 9:40pm (TYD 2111) Scott, R
0301 W.....7:00pm- 9:40pm (TYD 0102) Scott, R

BMGT690 (PermReq) Strategic Management; Grade Method: REG/AUD. Prerequisites: permission of department; and completion of all other MBA core courses before registering for this course. Majors only until first day of classes. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2102) Wally, S
0201 MW.....2:00pm- 3:15pm (TYD 0117) Gupta, A
0301 MW.....3:30pm- 4:45pm (TYD 1118) Gupta, A

BMGT702 (PermReq) Applied Security Analysis and Portfolio Management; Grade Method: REG/AUD. Prerequisites: BMGT 640; and BMGT 743; and permission of department. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2140) Haslem, J

BMGT721 (PermReq) File Processing and Database Systems; Grade Method: REG/AUD. Prerequisite: permission of department. Majors only until first day of classes. 3 credits
0101 M.....7:00pm- 9:40pm (WDS 1127) Yao, S

BMGT726 (PermReq) Distributed Data Processing; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. Majors only until first day of classes. 3 credits
0101 Tu.....12:30pm- 3:10pm (TYD 2140) Raschid, L

BMGT727 (PermReq) Security and Control of Information Systems; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. 3 credits
0101 MW.....11:00am-12:15pm (TYD 2102) Ball, M

BMGT733 (PermReq) Managerial Statistics II; Grade Method: REG/AUD. Prerequisite: BMGT 630 or equivalent. 3 credits
0101 MW.....9:30am-10:45am (JRN 1105) Grimshaw, S

BMGT743 (PermReq) Investment Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. Majors only until first day of classes. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0101) Eun, C

BMGT744 (PermReq) Futures Contracts and Options Management; Grade Method: REG/AUD. Prerequisites: BMGT 640. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1118) Chang, E

BMGT745 (PermReq) Financial Institutions Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. Majors only until first day of classes. 3 credits
0101 W.....6:30pm- 9:10pm (TYD 0117) Unal, H

BMGT746 (PermReq) International Financial Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2106) Eun, C

BMGT752 (PermReq) Marketing Research Methods; Grade Method: REG/AUD. Prerequisites: BMGT 630; and BMGT 650. Majors only until the first day of class. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2102) Ali, A

BMGT753 (PermReq) International Marketing; Grade Method: REG/AUD. Prerequisite: BMGT 650. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1140) Greer, T

BMGT761 (PermReq) Problems and Applications in Personnel Administration; Grade Method: REG/AUD. Prerequisite: BMGT 661. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2106) Stevens, C

BMGT765 (PermReq) Application of Behaviorial Science to Business; Grade Method: REG/AUD. Prerequisite: BMGT 660. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1136) Gannon, M

BMGT776 Management of High Technology, Research and Development; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:10pm (TYD 2111) Scheraga, C

BMGT781 (PermReq) The Entrepreneur and the Entrepreneurial Team; Grade Method: REG/AUD. Prerequisite: completion of MBA core requirements or permission of department. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2109) Kinlein, B

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Students may register only with written permission of course coordinator. 3 credits

BMGT794 The Environment of International Business; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:40pm (ARC 1127) STAFF

BMGT798A (PermReq) Special Topics in Business and Management: Advanced Topics in Linear Programming; Grade Method: REG/AUD. Majors only until first day of classes. 3 credits
0101 M.....4:20pm- 7:00pm (TYD 1108) Gass, S

BMGT798B (PermReq) Special Topics in Business and Management: Advanced Logistics Management; Grade Method: REG/AUD. Prerequisite: permission of department. Repeatable to 6 credits if content differs. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2140) Poist, R

BMGT798C (PermReq) Special Topics in Business and Management: Auditing; Grade Method: REG/AUD. Majors only until first day of classes. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1108) Voss, J

BMGT798D (PermReq) Special Topics in Business and Management: Industrial Marketing; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2102) Krapfel, R

BMGT798E (PermReq) Special Topics in Business and Management: International Competition and Strategic Choice; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2110) Gupta, A

BMGT798G (PermReq) Special Topics in Business and Management: Manufacturing Strategies and Operations; Grade Method: REG/AUD. Team taught by Dr. Assad and Dr. Kaku. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2108) Assad, A

BMGT798I (PermReq) Special Topics in Business and Management: Business Law; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Leete, B

BMGT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Restricted to graduate business majors. 1-6 credits

BMGT808A (PermReq) Doctoral Seminar: Leadership; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2110) Sims, H

BMGT808B (PermReq) Doctoral Seminar: Business and Public Policy Research; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:10pm (TYD 2140) Preston, L

BMGT828 (PermReq) Independent Study in Business and Management; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. 1-9 credits

BMGT831 (PermReq) Operations Research: Extension of Linear Programming and Network Analysis; Grade Method: REG/AUD. Prerequisite: BMGT 830 or equivalent; or permission of department. Majors only until first day of classes. 3 credits
0101 Tu.....4:00pm- 6:40pm (TYD 2100) Golden, B

BMGT835 (PermReq) Simulation and Design of Experiments; Grade Method: REG/AUD. Prerequisites: knowledge of Fortran programming; [BMGT 630; and BMGT 631 or equivalent] or permission of department. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2106) Fu, M

BMGT841 (PermReq) Seminar in Corporate Finance; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....3:00pm- 5:40pm (TYD 2100) Senbet, L

BMGT860 (PermReq) Seminar in Human Resource Planning and Selection; Grade Method: REG/AUD. Prerequisite: BMGT 760 or permission of department. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0101) Stevens, C

BMGT866 (PermReq) Seminar in Organizational Conflict and Change; Grade Method: REG/AUD. Prerequisite: BMGT 764 or equivalent; or permission of department. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1136) Taylor, M

BMGT880 Business Research Methodology; Grade Method: REG/AUD. 3 credits
0101 Sa.....9:00am-12:00pm (TYD 1118) Olian, J

BMGT883 (PermReq) Applied Multivariate Analysis II; Grade Method: REG/AUD. Prerequisite: BMGT 882. 3 credits
0101 Th.....4:00pm- 6:40pm (TYD 2100) Kotz, S

BMGT884 (PermReq) Univariate Forecasting Models; Grade Method: REG/AUD. Prerequisite: BMGT 630 or equivalent. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0102) Alt, F

BMGT886 (PermReq) Statistical Quality Control; Grade Method: REG/AUD. Prerequisite: BMGT 733 or equivalent. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2140) Alt, F

BMGT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BOTN Botany (Life Sciences)

BOTN104 Plant Biology for Non-Science Students; Grade Method: REG/P-F/AUD. For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 100. Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 105. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with BOTN 105, course may be counted as USP Area B Lab Science Course. 3 credits
1001 MWF.....9:00am- 9:50am (HJP 0226) Van Valkenburg,
2001 MWF.....10:00am-10:50am (HJP 0226) Berg, L
3001 TuTh.....11:00am-12:15pm (HJP 0226) Ganti, E

BOTN105 Laboratory in Plant Biology; Grade Method: REG/P-F/AUD. Pre- or corequisite: BOTN 104. For non-science majors only. Approved CORE Distributive Studies life science laboratory course only when taken concurrently with BOTN 104. 1 credit
1101 M.....12:00pm- 3:00pm (HJP 1125) LAB Higgins, E
1102 M.....12:00pm- 3:00pm (HJP 3104) LAB Higgins, E
1103 M.....12:00pm- 3:00pm (HJP 3127) LAB Higgins, E
1105 M.....3:00pm- 6:00pm (HJP 3104) LAB Higgins, E
1106 M.....3:00pm- 6:00pm (HJP 3127) LAB Higgins, E
1107 Tu.....9:00am-12:00pm (HJP 3104) LAB Higgins, E
1108 Tu.....9:00am-12:00pm (HJP 3127) LAB Higgins, E
1109 Tu.....12:00pm- 3:00pm (HJP 3104) LAB Higgins, E
1110 Tu.....12:00pm- 3:00pm (HJP 3127) LAB Higgins, E
1112 Tu.....3:00pm- 6:00pm (HJP 3104) LAB Higgins, E
1113 Tu.....3:00pm- 6:00pm (HJP 3127) LAB Higgins, E
1114 W.....9:00am-12:00pm (HJP 3127) LAB Higgins, E
1115 W.....12:00pm- 3:00pm (HJP 1125) LAB Higgins, E
1116 W.....12:00pm- 3:00pm (HJP 3104) LAB Higgins, E
1117 W.....12:00pm- 3:00pm (HJP 3127) LAB Higgins, E
1119 W.....3:00pm- 6:00pm (HJP 3104) LAB Higgins, E
1120 W.....3:00pm- 6:00pm (HJP 3127) LAB Higgins, E
1121 Th.....9:00am-12:00pm (HJP 3104) LAB Higgins, E
1122 Th.....9:00am-12:00pm (HJP 3127) LAB Higgins, E
1123 Th.....12:00pm- 3:00pm (HJP 1125) LAB Higgins, E
1125 Th.....12:00pm- 3:00pm (HJP 3127) LAB Higgins, E
1127 Th.....3:00pm- 6:00pm (HJP 3104) LAB Higgins, E
1128 Th.....3:00pm- 6:00pm (HJP 3127) LAB Higgins, E
F.....9:00am-12:00pm (HJP 3127) LAB Higgins, E

BOTN202 Plant Kingdom; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. 4 credits
0101 MW.....10:00am-10:50am (HJP 2242) Koines, P
MW.....12:00pm- 2:00pm (HJP 2226) LAB
0102 MW.....10:00am-10:50am (HJP 2242) Koines, P
MW.....2:00pm- 4:00pm (HJP 2226) LAB
0103 MW.....10:00am-10:50am (HJP 2242) Koines, P
TuTh.....10:00am-12:00pm (HJP 2226) LAB

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. 3 credits
0101 MWF.....11:00am-11:50am (HJP 2242) Barnett, N

BOTN212 Plant Taxonomy; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. 4 credits
0101 MW.....9:00am- 9:50am (HJP 2242) Higgins, E
MW.....10:00am-12:00pm (HJP 1105) LAB
0102 MW.....9:00am- 9:50am (HJP 2242) Higgins, E
MW.....12:00pm- 2:00pm (HJP 1105) LAB

BOTN315 Plants of Economic Importance; Grade Method: REG/P-F/AUD. Recommended: BOTN 212. 3 credits
0101 TuTh.....12:00pm- 1:15pm (HJP 2242) Barnett, N

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD. 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Van Valkenburg,

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN403 Medicinal and Poisonous Plants; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 and CHEM 104. 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 1229) Lockard, J

BOTN411 Evolutionary Biology of Plants; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 202 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Fenster, C

BOTN414 Plant Genetics; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 2242) Bottino, P

BOTN426 Mycology; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. 4 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 2230) Motta, J
TuTh.....2:00pm- 5:00pm (HJP 2230) LAB

BOTN462 Plant Ecology; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105.
0101 TuTh.....9:00am- 9:50am (HJP 2242) Forseth Jr., I

BOTN463 Ecology of Marsh and Dune Vegetation; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. 2 credits
0101 TuTh.....11:00am-11:50am (HJP 2242) Koines, P

BOTN464 Plant Ecology Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: BOTN 462 or equivalent. 2 credits
0101 Tu.....1:00pm- 4:00pm (HJP 1105) LAB Forseth Jr., I
0102 Th.....1:00pm- 4:00pm (HJP 1105) LAB Forseth Jr., I
0103 F.....1:00pm- 4:00pm (HJP 1105) LAB Forseth Jr., I

BOTN640 Molecular Mechanisms of Plant Pathogenesis; Grade Method: REG/AUD. Prerequisite: BCHM 461. 2 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Hutcheson, S

BOTN684 Plant Membrane Physiology; Grade Method: REG/AUD. Prerequisite: BOTN 441; and BOTN 484 or equivalent. 2 credits
0101 MW.....11:00am-11:50am (HJP 1229) Sze, H

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (HJP 2242) Krusberg, L

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD. 1 credit
0101 Tu.....12:00pm-12:50pm (HJP 1216) Watson, J

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD. 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1216) Forseth Jr., I

BOTN698E Seminar in Botany: Seminar in Mycology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Motta, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Cooke, T

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699K (PermReq) Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699L (PermReq) Special Problems in Botany: Photosynthetic Carbon Metabolism in Higher Plants; Grade Method: REG/AUD. 2 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 1216) Rumpho-Kennedy,

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BOTN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BSOS 387. 1-3 credits

BSOS387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BSOS 386. 1-3 credits

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CHEM Chemistry (Life Sciences)

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: a satisfactory math SAT score or an adequate knowledge of high school chemistry or satisfactory performance in CHEM 001. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111. Laboratory sessions will begin after the first lecture. 4 credits
3111 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (ARM 0108) DIS
3117 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....3:00pm- 5:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (ZOP 1124) DIS
3124 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (CHM 0122) DIS
3131 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....8:00am-10:50am (CHM 1105) LAB
M.....2:00pm- 2:50pm (ARM 0108) DIS
3134 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (ZOP 1124) DIS
3135 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1106) LAB
M.....2:00pm- 2:50pm (ZOP 1228) DIS
3137 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....3:00pm- 5:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (EGR 2102) DIS
3144 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Th.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2116) DIS
3151 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (CHE 2120) DIS
3154 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2140) DIS
3214 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....12:00pm- 2:50pm (CHM 1106) LAB
W.....1:00pm- 1:50pm (EGR 3114) DIS
3215 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....12:00pm- 2:50pm (CHM 1109) LAB
W.....1:00pm- 1:50pm (EGR 2102) DIS

3217	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	M	3:00pm- 5:50pm	(CHM 1109) LAB	
	W	1:00pm- 1:50pm	(EGR 1126) DIS	
3221	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	Tu	8:00am-10:50am	(CHM 1106) LAB	
	W	1:00pm- 1:50pm	(CHE 2116) DIS	
3227	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	Tu	3:00pm- 5:50pm	(CHM 1106) LAB	
	W	1:00pm- 1:50pm	(CHM 0119) DIS	
3237	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	W	3:00pm- 5:50pm	(CHM 1109) LAB	
	W	2:00pm- 2:50pm	(CHE 2140) DIS	
3241	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	Th	8:00am-10:50am	(CHM 1106) LAB	
	W	2:00pm- 2:50pm	(CLB 0109) DIS	
3247	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	Th	3:00pm- 5:50pm	(CHM 1106) LAB	
	W	2:00pm- 2:50pm	(EGR 3114) DIS	
3254	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	F	12:00pm- 2:50pm	(CHM 1106) LAB	
	W	2:00pm- 2:50pm	(CHE 2116) DIS	
3255	TuTh	11:00am-12:15pm	(CHM 1407)	Alexander, M
	F	12:00pm- 2:50pm	(CHM 1109) LAB	
	W	2:00pm- 2:50pm	(EGR 2102) DIS	
3311	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	M	8:00am-10:50am	(CHM 1119) LAB	
	W	3:00pm- 3:50pm	(ARM 0108) DIS	
3314	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	M	12:00pm- 2:50pm	(CHM 1119) LAB	
	W	3:00pm- 3:50pm	(CHE 2116) DIS	
3317	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	M	3:00pm- 5:50pm	(CHM 1119) LAB	
	W	3:00pm- 3:50pm	(EGR 1102) DIS	
3327	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	Tu	3:00pm- 5:50pm	(CHM 1109) LAB	
	W	3:00pm- 3:50pm	(CHM 0115) DIS	
3328	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	Tu	3:00pm- 5:50pm	(CHM 1119) LAB	
	W	3:00pm- 3:50pm	(EGR 1124) DIS	
3334	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	W	12:00pm- 2:50pm	(CHM 1109) LAB	
	W	4:00pm- 4:50pm	(CHM 0128) DIS	
3335	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	W	12:00pm- 2:50pm	(CHM 1119) LAB	
	W	4:00pm- 4:50pm	(EGR 2102) DIS	
3347	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	Th	3:00pm- 5:50pm	(CHM 1109) LAB	
	W	4:00pm- 4:50pm	(CHM 0115) DIS	
3348	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	Th	3:00pm- 5:50pm	(CHM 1119) LAB	
	W	4:00pm- 4:50pm	(EGR 1124) DIS	
3351	TuTh	12:30pm- 1:45pm	(CHM 1407)	DeVoe, H
	F	8:00am-10:50am	(CHM 1119) LAB	
	W	4:00pm- 4:50pm	(ARM 0108) DIS	

CHEM104 Fundamentals of Organic and Biochemistry; 4 credits
Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 104 and CHEM 233 (or CHEM 235). This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). Laboratory sessions will begin after the first lecture.

5117	MWF	9:00am- 9:50am	(ARM 0135)	Henery-Logan, K
	M	3:00pm- 5:50pm	(CHM 1215) LAB	
	Tu	8:00am- 8:50am	(EGR 2102) DIS	
5124	MWF	9:00am- 9:50am	(ARM 0135)	Henery-Logan, K
	Tu	12:00pm- 2:50pm	(CHM 1215) LAB	
	Tu	8:00am- 8:50am	(EGR 3114) DIS	
5134	MWF	9:00am- 9:50am	(ARM 0135)	Henery-Logan, K
	W	12:00pm- 2:50pm	(CHM 1215) LAB	
	Tu	9:00am- 9:50am	(JMZ 0122) DIS	
5137	MWF	9:00am- 9:50am	(ARM 0135)	Henery-Logan, K
	W	3:00pm- 5:50pm	(CHM 1215) LAB	
	Tu	8:00am- 8:50am	(ZOP 1234) DIS	
5141	MWF	9:00am- 9:50am	(ARM 0135)	Henery-Logan, K
	Th	8:00am-10:50am	(CHM 1215) LAB	
	Tu	9:00am- 9:50am	(MTH B0423) DIS	

CHEM113 General Chemistry II; Grade Method: 4 credits
REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Laboratory sessions will begin after the first lecture.

4114	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	M	12:00pm- 2:50pm	(CHM 1122) LAB	
	M	8:00am- 8:50am	(ARM 0121) DIS	
4115	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	M	12:00pm- 2:50pm	(CHM 1110) LAB	
	Tu	8:00am- 8:50am	(ARM 0108) DIS	
4117	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	M	3:00pm- 5:50pm	(CHM 1110) LAB	
	Tu	8:00am- 8:50am	(CHE 2116) DIS	
4127	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Tu	3:00pm- 5:50pm	(CHM 1110) LAB	
	Tu	8:00am- 8:50am	(ARM 0120) DIS	
4134	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	W	12:00pm- 2:50pm	(CHM 1110) LAB	
	Tu	9:00am- 9:50am	(ANS 1109) DIS	
4137	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	W	3:00pm- 5:50pm	(CHM 1110) LAB	
	Tu	9:00am- 9:50am	(CHE 2116) DIS	
4141	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	8:00am-10:50am	(CHM 1110) LAB	
	Tu	9:00am- 9:50am	(ARM 0108) DIS	
4142	MWF	8:00am- 8:50am	(CHM 1407)	Stewart, J
	Th	8:00am-10:50am	(CHM 1128) LAB	
	Tu	9:00am- 9:50am	(EGR 2102) DIS	
4214	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	M	12:00pm- 2:50pm	(CHM 1112) LAB	
	Th	8:00am- 8:50am	(ARM 0121) DIS	
4217	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	M	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	8:00am- 8:50am	(EGR 1102) DIS	
4221	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Tu	8:00am-10:50am	(CHM 1111) LAB	
	Th	8:00am- 8:50am	(EGR 2102) DIS	
4222	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Tu	8:00am-10:50am	(CHM 1110) LAB	
	Th	8:00am- 8:50am	(MTH 0301) DIS	
4224	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Tu	12:00pm- 2:50pm	(CHM 1122) LAB	
	Th	8:00am- 8:50am	(CHE 2120) DIS	
4227	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Tu	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	9:00am- 9:50am	(JMZ 0204) DIS	
4237	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	W	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	9:00am- 9:50am	(EGR 3114) DIS	
4244	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Th	12:00pm- 2:50pm	(CHM 1122) LAB	
	Th	9:00am- 9:50am	(ARM 0108) DIS	
4247	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	Th	3:00pm- 5:50pm	(CHM 1111) LAB	
	Th	9:00am- 9:50am	(EGR 2102) DIS	
4254	MWF	10:00am-10:50am	(CHM 1407)	Gordon, G
	F	12:00pm- 2:50pm	(CHM 1111) LAB	
	Th	9:00am- 9:50am	(ARM 0102) DIS	
4311	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	M	8:00am-10:50am	(CHM 1122) LAB	
	Tu	10:00am-10:50am	(ARM 0108) DIS	
4314	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	M	12:00pm- 2:50pm	(CHM 1128) LAB	
	Tu	10:00am-10:50am	(CHE 2116) DIS	
4324	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	Tu	12:00pm- 2:50pm	(CHM 1208) LAB	
	Tu	10:00am-10:50am	(EGR 3111) DIS	
4331	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	W	8:00am-10:50am	(CHM 1128) LAB	
	Tu	11:00am-11:50am	(ZOP 1124) DIS	
4334	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	W	12:00pm- 2:50pm	(CHM 1128) LAB	
	Tu	11:00am-11:50am	(EGR 2102) DIS	
4335	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	W	12:00pm- 2:50pm	(CHM 1208) LAB	
	Tu	11:00am-11:50am	(CHE 2120) DIS	
4337	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	W	3:00pm- 5:50pm	(CHM 1128) LAB	
	Tu	10:00am-10:50am	(EGR 2102) DIS	
4341	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	Th	8:00am-10:50am	(CHM 1111) LAB	
	Tu	11:00am-11:50am	(CHE 2116) DIS	
4342	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	Th	8:00am-10:50am	(CHM 1112) LAB	
	Tu	11:00am-11:50am	(EGR 2112) DIS	
4344	MWF	11:00am-11:50am	(CHM 1407)	STAFF
	Th	12:00pm- 2:50pm	(CHM 1208) LAB	
	Tu	10:00am-10:50am	(CHE 2120) DIS	
4411	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	M	8:00am-10:50am	(CHM 1112) LAB	
	Th	9:00am- 9:50am	(CHE 2140) DIS	
4417	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	M	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	8:00am- 9:50am	(ZOP 1232) DIS	
4421	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	Tu	8:00am-10:50am	(CHM 1112) LAB	
	Th	9:00am- 9:50am	(CHE 2116) DIS	
4424	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	Tu	12:00pm- 2:50pm	(CHM 1112) LAB	
	Th	9:00am- 9:50am	(EGR 3108) DIS	
4427	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	Tu	3:00pm- 5:50pm	(CHM 1128) LAB	
	Th	10:00am-10:50am	(EGR 2102) DIS	
4428	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	Tu	3:00pm- 5:50pm	(CHM 1122) LAB	
	Th	10:00am-10:50am	(CHE 2118) DIS	
4437	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	W	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	10:00am-10:50am	(CHE 2116) DIS	
4444	MWF	12:00pm-12:50pm	(CHM 1407)	Walters, W
	Th	12:00pm- 2:50pm	(CHM 1112) LAB	
	Th	10:00am-10:50am	(ARM 0108) DIS	
4511	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	M	8:00am-10:50am	(CHM 1110) LAB	
	Tu	1:00pm- 1:50pm	(ARM 0108) DIS	
4517	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	M	3:00pm- 5:50pm	(CHM 1208) LAB	
	Tu	1:00pm- 1:50pm	(CHM 0124) DIS	
4521	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Tu	8:00am-10:50am	(CHM 1208) LAB	
	Tu	1:00pm- 1:50pm	(PHY 4220) DIS	
4527	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Tu	3:00pm- 5:50pm	(CHM 1208) LAB	
	Tu	1:00pm- 1:50pm	(EGR 1124) DIS	
4537	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	W	3:00pm- 5:50pm	(CHM 1208) LAB	
	Tu	2:00pm- 2:50pm	(MTH B0429) DIS	
4541	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	8:00am-10:50am	(CHM 1208) LAB	
	Tu	2:00pm- 2:50pm	(CHM 0124) DIS	
4544	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	12:00pm- 2:50pm	(CHM 1111) LAB	
	Tu	2:00pm- 2:50pm	(CHE 2136) DIS	
4545	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	12:00pm- 2:50pm	(CHM 1128) LAB	
	Tu	2:00pm- 2:50pm	(PHY 4208) DIS	
4547	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	Th	3:00pm- 5:50pm	(CHM 1208) LAB	
	Tu	1:00pm- 1:50pm	(EGR 3114) DIS	
4551	MWF	1:00pm- 1:50pm	(CHM 1407)	Boyd Jr., A
	F	8:00am-10:50am	(CHM 1110) LAB	
	Tu	2:00pm- 2:50pm	(ZOP 1234) DIS	
4617	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	M	3:00pm- 5:50pm	(CHM 1122) LAB	
	Th	1:00pm- 1:50pm	(CHM 0124) DIS	
4618	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	M	3:00pm- 5:50pm	(CHM 1128) LAB	
	Th	1:00pm- 1:50pm	(JMZ 0204) DIS	
4624	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	Tu	12:00pm- 2:50pm	(CHM 1111) LAB	
	Th	2:00pm- 2:50pm	(EGR 2102) DIS	
4627	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	Tu	3:00pm- 5:50pm	(CHM 1112) LAB	
	Th	1:00pm- 1:50pm	(PHY 4220) DIS	
4637	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	W	3:00pm- 5:50pm	(CHM 1122) LAB	
	Th	2:00pm- 2:50pm	(CHM 0124) DIS	
4647	MWF	2:00pm- 2:50pm	(CHM 1407)	Bellama, J
	Th	3:00pm- 5:50pm	(CHM 1122) LAB	
	Th	2:00pm- 2:50pm	(EGR 1124) DIS	

CHEM113H General Chemistry II; Grade Method: 4 credits
REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Laboratory sessions will begin after the first lecture.

0414	MWF	10:00am-10:50am	(CHM 1402)	Reutt, J
	M	12:00pm- 2:50pm	(CHM 1233) LAB	
	Th	8:00am- 8:50am	(JUL 1105) DIS	
0417	MWF	10:00am-10:50am	(CHM 1402)	Reutt, J
	M	3:00pm- 5:50pm	(CHM 1233) LAB	
	Th	8:00am- 8:50am	(CHE 2118) DIS	
0421	MWF	10:00am-10:50am	(CHM 1402)	Reutt, J
	Tu	8:00am-10:50am	(CHM 1233) LAB	
	Th	9:00am- 9:50am	(COL 3112) DIS	
0424	MWF	10:00am-10:50am	(CHM 1402)	Reutt, J
	Tu	12:00pm- 2:50pm	(CHM 1233) LAB	
	Th	9:00am- 9:50am	(CHE 2118) DIS	

CHEM233 Organic Chemistry I; Grade Method: 4 credits
REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 235. Laboratory sessions will begin after the first lecture.

7114	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	M	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(CHE 2116) DIS	
7117	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	M	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(EGR 1102) DIS	
7118	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	M	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(ZOP 1228) DIS	
7121	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	Th	8:00am-10:50am	(CHM 1227) LAB	
	Tu	12:00pm-12:50pm	(ZOP 1232) DIS	
7134	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	W	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(EGR 1110) DIS	
7137	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	W	3:00pm- 5:50pm	(CHM 1221) LAB	
	Tu	1:00pm- 1:50pm	(CHE 2120) DIS	
7138	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	W	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(ZOP 1234) DIS	
7141	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	Th	8:00am-10:50am	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(CHE 2140) DIS	
7144	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	Th	12:00pm- 2:50pm	(CHM 1221) LAB	
	Tu	12:00pm-12:50pm	(CHM 0124) DIS	
7147	MWF	9:00am- 9:50am	(CHM 1407)	Mazzocchi, P
	Th	3:00pm- 5:50pm	(CHM 1227) LAB	
	Tu	1:00pm- 1:50pm	(EGR 3111) DIS	

CHEM243 Organic Chemistry II; Grade Method: 4 credits
REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 235. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Laboratory sessions will begin after the first lecture.

8111	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	M	8:00am-10:50am	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(CHE 2118) DIS	
8114	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	M	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(EGR 2102) DIS	
8115	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	M	12:00pm- 2:50pm	(CHM 1224) LAB	
	Th	12:00pm-12:50pm	(EGR 1102) DIS	
8121	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Tu	8:00am-10:50am	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(CHE 2116) DIS	
8122	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Tu	8:00am-10:50am	(CHM 1224) LAB	
	Th	12:00pm-12:50pm	(JMZ 0118) DIS	
8124	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Tu	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(JMZ 1120) DIS	
8125	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Tu	12:00pm- 2:50pm	(CHM 1224) LAB	
	Th	12:00pm-12:50pm	(CHE 2120) DIS	
8127	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Tu	3:00pm- 5:50pm	(CHM 1216) LAB	
	Th	12:00pm-12:50pm	(EGR 0104) DIS	
8131	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	W	8:00am-10:50am	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(JMZ 1226) DIS	
8134	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	W	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(CHE 2136) DIS	
8135	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	W	12:00pm- 2:50pm	(CHM 1224) LAB	
	Th	1:00pm- 1:50pm	(ARM 0108) DIS	
8141	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Th	8:00am-10:50am	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(EGR 1102) DIS	
8147	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	Th	3:00pm- 5:50pm	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(CHM 0122) DIS	
8151	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	F	8:00am-10:50am	(CHM 1224) LAB	
	Th	1:00pm- 1:50pm	(EGR 1124) DIS	
8154	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	F	12:00pm- 2:50pm	(CHM 1216) LAB	
	Th	1:00pm- 1:50pm	(CHE 2116) DIS	
8155	MWF	3:00pm- 3:50pm	(CHM 1407)	Ammon, H
	F	12:00pm- 2:50pm	(CHM 1224) LAB	
	Th	1:00pm- 1:50pm	(EGR 3102) DIS	

CHEM243H Organic Chemistry II; Grade Method: 4 credits
REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 235. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Laboratory sessions will begin after the first lecture.

0841	MWF	3:00pm- 3:50pm	(CHM 2201)	Mariano, P
	Th	8:00am-10:50am	(CHM 1224) LAB	
	Th	12:00pm-12:50pm	(ARM 0101) DIS	
0847	MWF	3:00pm- 3:50pm	(CHM 2201)	Mariano, P
	Th	3:00pm- 5:50pm	(CHM 1224) LAB	
	Th	1:00pm- 1:50pm	(CHE 2120) DIS	

CHEM321 Quantitative Analysis; Grade Method: 4 credits
REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115.

0114	MW	11:00am-11:50am	(CHM 1402)	Kasler, F
	MW	1:00pm- 3:50pm	(CHM 3226) LAB	
0124	MW	11:00am-11:50am	(CHM 1402)	Kasler, F
	TuTh	12:00pm- 2:50pm	(CHM 3226) LAB	

CHEM398 (PermReq) Special Projects; Grade Method: 2 credits
REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Harwood.

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Harwood. 1-2 credits

CHEM399X Introduction to Chemical Research: Professionalism; Grade Method: REG/P-F/AUD. 1 credit

0101	Th	11:00am-11:50am	(CHM 1402)	Ondov, J

CHEM401 Inorganic Chemistry; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: CHEM 481.

0101	MWF	11:00am-11:50am	(CHM 0127)	Huheey, J

CHEM421 Advanced Quantitative Analysis; Grade Method: REG/P-F/AUD. Pre- or corequisites: CHEM 482 and CHEM 483. 3 credits

0101	MWF	1:00pm- 1:50pm	(CHM 0128)	Freeman, D

CHEM425 Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 482; and CHEM 483. 3 credits

0102	Tu	8:00am- 8:50am	(CHM 0128)	O'Haver, T
	TuTh	1:00pm- 3:40pm	(CHM 3205) LAB	

CHEM441 Advanced Organic Chemistry; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: CHEM 481.

0101	MWF	10:00am-10:50am	(CHM 0115)	Deshong, P

CHEM481 Physical Chemistry I; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 153; and MATH 141; and PHYS 142.

0101	MWF	8:00am- 8:50am	(CHM 0115)	Miller, G
0201	MWF	9:00am- 9:50am	(CHM 0115)	Krisher, L

CHEM482 Physical Chemistry II; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: CHEM 481.

0101	MWF	8:00am- 8:50am	(CHM 1402)	Castellan, G
0201	MWF	9:00am- 9:50am	(CHM 1402)	Khanna, R

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD. Corequisite: CHEM 481. Rooms for second lab times are to be arranged for all sections. 2 credits

0101	M	1:00pm- 1:50pm	(CHM 1402) LAB	Weiner, J
	M	2:00pm- 4:50pm	(Arranged) LAB	
0102	Tu	1:00pm- 1:50pm	(CHM 1402) LAB	Weiner, J
	Tu	2:00pm- 4:50pm	(Arranged) LAB	
0103	W	1:00pm- 1:50pm	(CHM 1402) LAB	Weiner, J
	W	2:00pm- 4:50pm	(Arranged) LAB	

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482. Rooms for second lab times are to be arranged for all sections. 2 credits

0101	Tu	1:00pm- 1:50pm	(CHM 2201) LAB	Khanna, R
	Tu	2:00pm- 4:50pm	(Arranged) LAB	
0102	W	1:00pm- 1:50pm	(CHM 2201) LAB	Khanna, R
	W	2:00pm- 4:50pm	(Arranged) LAB	

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C"). 4 credits

0111	MWF	11:00am-11:50am	(CHM 0122)	Murphy, T
	M	3:00pm- 5:50pm	(Arranged) LAB	
0141	MWF	11:00am-11:50am	(CHM 0122)	Murphy, T
	Th	1:00pm- 3:50pm	(Arranged) LAB	

CHEM491 Advanced Organic Chemistry Laboratory; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243. Credit will be granted for only one of the following: CHEM 433 and CHEM 443 or CHEM 491. 3 credits

0101	Tu	11:00am-11:50am	(CHM 0128)	Jarvis, B
	MW	1:00pm- 5:00pm	(CHM 1228) LAB	
0201	Tu	11:00am-11:50am	(CHM 0128)	Jarvis, B
	TuTh	1:00pm- 5:00pm	(CHM 1228) LAB	

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; Grade Method: REG/P-F/AUD. 3 credits

0101	MWF	9:00am- 9:50am	(CHM 0128)	Boyd Jr., A

CHEM498G Special Topics in Chemistry: Stratospheric Ozone; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 142, CHEM 113, MATH 141. MATH 241 recommended. 3 credits

0101	MWF	11:00am-11:50am	(CSS 2106)	Douglass, A

CHEM602 Advanced Inorganic Chemistry II; Grade Method: REG/AUD. Prerequisite: CHEM 601. 3 credits

0101	MWF	10:00am-10:50am	(CHM 2201)	Eichhorn, B

CHEM623 Optical Methods of Quantitative Analysis; Grade Method: REG/AUD. Prerequisites: CHEM 421 and CHEM 482 or equivalent. 3 credits

0101	MWF	2:00pm- 2:50pm	(CHM 2201)	O'Haver, T

CHEM647 Organic Synthesis; Grade Method: REG/AUD. 3 credits

0101	MWF	8:00am- 8:50am	(CHM 2201)	Herndon, J

CHEM648 Special Topics in Organic Chemistry: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD. 1-3 credits

0101	TuTh	9:30am-10:45am	(CHM 2201)	Kozarich, J

CHEM650 Problems in Organic Synthesis; Grade Method: REG/AUD. 1 credit

0101	F	10:00am-10:50am	(CHM 0128)	Falvey, D

CHEM660 Spectral Methods; Grade Method: REG/AUD. 2 credits

0101	MW	10:00am-10:50am	(CHM 0128)	Falvey, D

CHEM678 Special Topics in Environmental Chemistry: Environmental Chemistry; Grade Method: REG/AUD. 3 credits

0101	TuTh	3:30pm- 4:45pm	(CHM 0128)	Ondov, J

CHEM687 Statistical Mechanics and Chemistry; Grade Method: REG/AUD. Prerequisite: CHEM 684 or equivalent. 3 credits

0101	MWF	9:00am- 9:50am	(CHM 2201)	Weeks, J

CHEM689 Special Topics in Physical Chemistry: Structure and Bonding; Grade Method: REG/AUD. 3 credits

0101	MWF	11:00am-11:50am	(CHM 2201)	Tossell, J

CHEM691 Quantum Chemistry II; Grade Method: REG/AUD. Prerequisite: CHEM 680 or PHYS 622. 3 credits

CHEM898C Seminar: Inorganic Chemistry; Grade Method: REG/AUD. 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) Huheey, J

CHEM898D Seminar: Organic Chemistry; Grade Method: REG/AUD. 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0115) Jarvis, B

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Alexander, M

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Alexander, M

CHEM898I Seminar: Transition Metal Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Poli, R

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Jarvis, B

CHEM898K Seminar: Photochemistry Mechanics; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Grim, S

CHEM898O Seminar: Natural Water Chemistry; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (CHM 0124) Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Reaction Mechanisms; Grade Method: REG/AUD. Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Kozarich, J

CHEM898T Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Herndon, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CHIN Chinese (Arts and Humanities)

Non-majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN102 Elementary Spoken Chinese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2102) Shen, H
0201 MWF.....1:00pm- 1:50pm (JMZ 2117) Shen, H

CHIN103 Elementary Written Chinese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2120) Brown, W
0201 MWF.....9:00am- 9:50am (JMZ 0120) Brown, W

CHIN203 Intermediate Spoken Chinese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 201 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1104) Shen, H

CHIN204 Intermediate Written Chinese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3205) Sargent, S

CHIN302 Advanced Chinese II; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 301 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) Yee, A

CHIN304 (PermReq) Business Chinese II; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 303 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1123) Shen, H

CHIN313 Chinese Poetry and Prose in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 0105) Sargent, S

CHIN315 Modern Chinese Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) Yee, A

CHIN388B Topics in Chinese Literature in Translation: Chinese Calligraphy: Theory and Practice; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....3:00pm- 5:40pm (JMZ 2120) Chin, T

CHIN402 (PermReq) Readings in Modern Chinese II; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 401 or equivalent. Non-majors admitted only after a placement interview. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) Sun, Y

CHIN422 Advanced Chinese Grammar; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) Brown, W

CHIN442 Modern Chinese Fiction; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: CHIN 315 or permission of instructor. 3 credits
0101 W.....1:00pm- 3:30pm (JMZ 3118) Yee, A

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Alexander, M

CHPH709B Seminar in Chemical Physics: Statistical Physics; Grade Method: REG/AUD. 1 credit
0101 Tu.....1:15pm- 2:30pm (IPT 1115) Fisher, M

CHPH718F (PermReq) Special Topics in Chemical Physics: Electronic Structures of Atoms and Small Molecules; Grade Method: REG/AUD. 3 credits
0101 Tu.....9:30am-12:00pm (Arranged) Ginter, M

CHPH718G (PermReq) Special Topics in Chemical Physics: Xray and Xuv Physics; Grade Method: REG/AUD. 3 credits
0101 MW.....9:30am-10:45am (PHY 1126) McIlrath, T

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2205) Miller, S
0401 MWF.....12:00pm-12:50pm (SHM 2102) Miller, S

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (SHM 2102) Verchot, J

CJUS234 Law of Criminal Investigation; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 230. 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 0220) Verchot, J

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG. Prerequisite: CJUS 100; and CRIM 220; and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. 3 credits
0101 MWF.....10:00am-10:50am (TYD 1101) Brooks, L
0201 MWF.....1:00pm- 1:50pm (TYD 1101) Brooks, L

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 220. 3 credits
0101 MW.....6:00pm- 7:15pm (LEF 0208) Mauriello, T
0201 MW.....7:30pm- 8:45pm (LEF 0208) Mauriello, T

CJUS330 Contemporary Legal Policy Issues; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: CJUS 230; and CJUS 234 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0220) Ingraham, B

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1400) Brooks, L

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CJUS 387. Prerequisite: Have junior standing by August 1990; have a 3.2 cumulative GPA; earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CJUS 386. Prerequisite: Have junior standing by August 1990, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Research in Criminal Justice; Grade Method: REG. For honor students only. Prerequisite: permission of department. Repeatable to maximum of 6 credits. 3 credits
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For honors students only. 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. 1-6 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. 1-3 credits

CJUS462 Special Problems in Security Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 360. 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1222) Wilson, J

CJUS498E Selected Topics in Criminal Justice: Crime Prevention, Security and Criminology of Places; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) Sherman, L

CJUS650 Research Seminar in Public Policy and Crime Control; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1201) Sherman, L

CJUS699E Special Problems in Criminal Justice: Crime Prevention, Security and Criminology of Places; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) Sherman, L

CJUS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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CLAS Classics (Arts and Humanities)

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. 3 credits
0101 MW.....11:00am-11:50am (SHM 2102) Staley, G
F.....11:00am-11:50am (JRN 1104) DIS
0102 MW.....11:00am-11:50am (SHM 2102) Staley, G
Th.....10:00am-10:50am (JMZ 0118) DIS
0103 MW.....11:00am-11:50am (SHM 2102) Staley, G
Th.....11:00am-11:50am (JMZ 1102) DIS
0104 MW.....11:00am-11:50am (SHM 2102) Staley, G
Th.....12:00pm-12:50pm (HZF 1101) DIS
0105 MW.....11:00am-11:50am (SHM 2102) Staley, G
Th.....1:00pm- 1:50pm (HZF 1106) DIS
0106 MW.....11:00am-11:50am (SHM 2102) Staley, G
F.....10:00am-10:50am (EGR 3102) DIS
0107 MW.....11:00am-11:50am (SHM 2102) Staley, G
F.....11:00am-11:50am (EGR 3114) DIS
0108 MW.....11:00am-11:50am (SHM 2102) Staley, G
F.....12:00pm-12:50pm (EGR 1120) DIS
0109 MW.....11:00am-11:50am (SHM 2102) Staley, G
F.....1:00pm- 1:50pm (EGR 1120) DIS

CLAS372 Classical Epic; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. 3 credits
0101 MWF.....10:00am-10:50am (COL 0102) Doherty, L
0201 MWF.....12:00pm-12:50pm (COL 0102) Doherty, L

CLAS374 Greek Tragedy in Translation; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3111) STAFF

CLAS495 (PermReq) Senior Thesis in Classics; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 3 credits
0101 Time and room to be arranged STAFF

CLAS499 Independent Study in Classical Languages and Literatures; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CLAS620 Classical Epic; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:40pm (JMZ 1109) Doherty, L

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CLAS799 Master's Thesis Research; Grade Method: REG/S-F. 1-6 credits
0101 Time and room to be arranged STAFF

CMLT Comparative Literature (Arts and Humanities)

CMLT433 (PermReq) Dante and the Romance Tradition; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

CMLT488A (PermReq) Genres: Modern Chinese Fiction; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....1:00pm- 3:30pm (JMZ 3118) Yee, A

CMLT488D (PermReq) Genres: Contemporary British and American Poetry; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0103) Jellema, R

CMLT488E (PermReq) Genres: The Modern Novel; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 1103) Salamanca, J

CMLT488G (PermReq) Genres: Folksong and Ballad; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0110) Pearson, B

CMLT488I (PermReq) Genres: Classical Epic; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:00pm- 6:40pm (JMZ 1109) Doherty, L

CMLT498A (PermReq) Selected Topics in Comparative Literature: History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Gillespie, P

CMLT498C (PermReq) Selected Topics in Comparative Literature: Aesthetic Theory; Grade Method: REG/AUD. Prerequisite: six credits of philosophy or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1110) Brown, J

CMLT498F (PermReq) Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD. 3 credits
0101 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....11:00am-11:50am (JMP 3105) LAB
0102 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....1:00pm- 1:50pm (CHE 2118) LAB
0103 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....2:00pm- 2:50pm (CHE 2120) LAB

CMLT498J (PermReq) Selected Topics in Comparative Literature: Blacks in American Life, 1865 to Present; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Moss Jr., A

CMLT498K (PermReq) Selected Topics in Comparative Literature: History of the Spanish Caribbean; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0124) Warren, J

CMLT498P (PermReq) Selected Topics in Comparative Literature: Literary Criticism; Grade Method: REG. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0103) Wang, O

CMLT498Q (PermReq) Selected Topics in Comparative Literature: Film Analysis: The Rhetoric of Fictional Worlds; Grade Method: REG. 3 credits
0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498R (PermReq) Selected Topics in Comparative Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498T (PermReq) Selected Topics in Comparative Literature: Philosophy of Dance; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (DNC 1143) Dunn, R

CMLT601 Problems in Comparative Literature; Grade Method: REG/AUD. 3 credits
0101 W.....5:30pm- 8:00pm (MIL 1106) Lanser, S

CMLT610 Folklore in Literature; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:40pm (JMZ 1109) Doherty, L

CMLT639A (PermReq) Studies in the Renaissance: Prose Style; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 0135) Turner, M

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: Literature and Film as Weapons; Grade Method: REG/AUD. 3 credits
0101 M.....1:00pm- 3:00pm (JMZ 3118) Fuegi, J

CMLT679B (PermReq) Seminar in Modern and Contemporary Literature: Ecriture Feminine: textes et Theories; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:30pm (JMZ 3118) Hage, M

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Criticism from 1955 in American and European Art; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:40pm (ASY 4304) Burnham, J

CMLT679D (PermReq) Seminar in Modern and Contemporary Literature: Feminist Theory; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 0108) Kauffman, L

CMLT679F (PermReq) Seminar in Modern and Contemporary Literature: The Aesthetics of Theatre Arts; Grade Method: REG. 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 1202) Meersman, R

CMLT679G (PermReq) Seminar in Modern and Contemporary Literature: Colonial Spanish American Literature; Grade Method: REG/AUD. 3 credits
0101 F.....2:00pm- 4:30pm (JMZ 0208) Rabasa, J

CMLT679I Seminar in Modern and Contemporary Literature: Russian Theatre and Drama: Griboyedov to Petrushevskaya; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 2230) Schuler, C

CMLT679J (PermReq) Seminar in Modern and Contemporary Literature: Marxist Political Theory; Grade Method: REG/AUD. 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138) Tismaneanu, V

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: Readings in Afro-American History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

CMLT679M (PermReq) Seminar in Modern and Contemporary Literature: Seminar in the History of Women; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Gullickson, G
Time and room to be arranged DIS

CMLT679N (PermReq) Seminar in Modern and Contemporary Literature: Greek Tragedy as Political Theory: A Psychological Approach; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) Alford, C

CMLT679O (PermReq) Seminar in Modern and Contemporary Literature: Seminar in Colonial American History; Grade Method: REG/AUD. 3 credits
0101 Olson, A

CMLT679P (PermReq) Seminar in Modern and Contemporary Literature: Literary Theory and the Teaching of Literature; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 2137) Handelman, S

CMLT679Q (PermReq) Seminar in Modern and Contemporary Literature: Readings in Modern European History; Grade Method: REG/AUD. 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 1118) Harris, J
Time and room to be arranged DIS

CMLT679R (PermReq) Seminar in Modern and Contemporary Literature: Modern Black Fiction; Grade Method: REG/AUD. 3 credits

0101 W.....6:30pm- 9:00pm (TYD 1136) Washington, M

CMLT679S (PermReq) Seminar in Modern and Contemporary Literature: Commonwealth Literature; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 2137) Russell, J

CMLT679T (PermReq) Seminar in Modern and Contemporary Literature: Readings in Middle Eastern History; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Stowasser, K

CMLT679U (PermReq) Seminar in Modern and Contemporary Literature: Gay and Lesbian Literature; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TLF 0135) Leonardi, S

CMLT679V (PermReq) Seminar in Modern and Contemporary Literature: Form and Theory in Fiction; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 0135) Kornblatt, J

CMLT679W (PermReq) Seminar in Modern and Contemporary Literature: Feminist Utopias; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 3100) Donawerth, J

CMLT679X (PermReq) Seminar in Modern and Contemporary Literature: Brecht, Beckett, Pinter: The Technology of the Modern Text; Grade Method: REG. 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0135) Fuegi, J

CMLT679Y (PermReq) Seminar in Modern and Contemporary Literature: Readings in Linguistics; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (TLF 3100) Miller, M

CMLT679Z (PermReq) Seminar in Modern and Contemporary Literature: Topics in International and Cross-Cultural Communication; Grade Method: REG/AUD. 3 credits
0101 M.....1:00pm- 4:00pm (JRN 1116) Hiebert, R

CMLT681 Literary Criticism: Ancient and Medieval; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Slote, M

CMLT682 Literary Criticism: Renaissance and Modern; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 2137) Wang, O
Time and room to be arranged LAB

CMLT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2324) STAFF
0201 MWF.....10:00am-10:50am (CSS 2324) STAFF
0301 MWF.....1:00pm- 1:50pm (CSS 2324) STAFF
0401 TuTh.....12:30pm- 1:45pm (CSS 2324) STAFF

CMSC107 Introduction to the UNIX Operating System; Grade Method: REG/P-F/AUD. Recommended: prior experience with computing. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2324) Plane, J

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD. Computer science majors should take CMSC 112. 4 credits
0101 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....9:00am- 9:50am (CSS 2330) LAB
0102 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....8:00am- 8:50am (CSS 2330) LAB

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 140. First course for majors. All sections of CMSC 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 4 credits
0101 MWF.....10:00am-10:50am (CLB 0111) Hendler, J
WF.....1:00pm- 1:50pm (CSS 2330) LAB
0102 MWF.....10:00am-10:50am (CLB 0111) Hendler, J
WF.....1:00pm- 1:50pm (CSS 2352) LAB
0103 MWF.....10:00am-10:50am (CLB 0111) Hendler, J
WF.....2:00pm- 2:50pm (CSS 2330) LAB
0104 MWF.....10:00am-10:50am (CLB 0111) Hendler, J
WF.....2:00pm- 2:50pm (CSS 2352) LAB
0201 TuTh.....9:30am-10:45am (CSS 2324) Sellis, T
WF.....11:00am-11:50am (CSS 2330) LAB
0202 TuTh.....9:30am-10:45am (CSS 2324) Sellis, T
WF.....11:00am-11:50am (CSS 2352) LAB
0203 TuTh.....9:30am-10:45am (CSS 2324) Sellis, T
WF.....12:00pm-12:50pm (CSS 2330) LAB
0204 TuTh.....9:30am-10:45am (CSS 2324) Sellis, T
WF.....12:00pm-12:50pm (CSS 2352) LAB

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Laboratory Course. Prerequisites: a grade of C or better in CMSC 150; and (a grade of C or better in CMSC 112 or permission of department based on satisfactory performance on the computer science placement exam). Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. All sections of CMSC 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 4 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0111) Gannon, J
MW.....3:00pm- 3:50pm (CLB 0109) LAB
0102 TuTh.....3:30pm- 4:45pm (CLB 0111) Gannon, J
MW.....4:00pm- 4:50pm (CLB 0109) LAB
0201 TuTh.....2:00pm- 3:15pm (CSS 2324) Kaye, G
MW.....3:00pm- 3:50pm (CLB 0104) LAB
0202 TuTh.....2:00pm- 3:15pm (CSS 2324) Kaye, G
MW.....4:00pm- 4:50pm (CLB 0104) LAB

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. Cannot be substituted for CMSC 112. Computer science majors need CMSC 112. 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2330) Williams, J
WF.....9:00am- 9:50am (CLB 0102) LAB

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. Pre- or corequisite: MATH 140. Formerly CMSC 250. All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0111) Perlis, D
0201 TuTh.....2:00pm- 3:15pm (CLB 0111) Edmundson, H

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 or CMSC 120. Computer Science majors, pre-majors and others seeking to become computer science majors should no longer register for this course unless they wish to repeat it to improve a grade. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 1311) Mahanti, A

CMSC251 Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 112; and CMSC 150; and MATH 140; a grade of C or better in CMSC 150 and CMSC 112. All sections of CMSC 251 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 3 credits
0101 MWF.....12:00pm-12:50pm (CLB 0111) Gasarch, W
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Elman, H

CMSC280 Computer Science III; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 with a grade of "C" or better. Corequisite: CMSC 251. All sections of CMSC 280 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0111) Shankar, A
0201 TuTh.....12:30pm- 1:45pm (TLF 0101) Perlis, D

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 280 with a grade of C or better. Old prerequisite of CMSC 113 will be accepted for Spring 1991 registrations. New prerequisites will be enforced beginning Fall 1991. 3 credits
0101 MWF.....2:00pm- 2:50pm (CLB 0111) Anderson, J

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 with grade of "C" or better. 3 credits
0101 MW.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....9:00am- 9:50am (CLB 0109) DIS
0102 MW.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....10:00am-10:50am (CLB 0109) DIS
0103 MW.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....9:00am- 9:50am (CLB 0104) DIS
0104 MW.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....10:00am-10:50am (CLB 0104) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CMSC 387. Prerequisite: written permission of instructor must be obtained in advance on departmental form. 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CMSC 386. Prerequisite: written permission of instructor must be obtained in advance on department form. 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to CMSC Honors Program. 3 credits

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD Prerequisite: CMSC 311 or CMSC 400. 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Kruskal, C
0201 MWF.....1:00pm- 1:50pm (CLB 0102) STAFF

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD. Prerequisite: (CMSC 311 and CMSC 330) or CMSC 400. Recommended: CMSC 411. Old prerequisite of CMSC 311 will be accepted for Spring 1991 registrations. New prerequisites will be enforced beginning Fall 1991. 4 credits
0101 TuTh.....11:00am-12:15pm (CLB 0102) Agrawala, A
MW.....10:00am-10:50am (CLB 0104) LAB
0102 TuTh.....11:00am-12:15pm (CLB 0102) Agrawala, A
MW.....11:00am-11:50am (CLB 0104) LAB

CMSC415 (PermReq) Systems Programming; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 412. 3 credits
0101 Tu.....2:00pm- 4:30pm (JUL 1105) Carson, S

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 251 or CMSC 400. Old prerequisite of CMSC 220 will be accepted for Spring 1991 registrations. New prerequisites will be enforced beginning Fall 1991. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) STAFF
0201 TuTh.....6:30pm- 7:45pm (ITV 1111) STAFF

CMSC421 (PermReq) Introduction to Artificial Intelligence; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 251; and CMSC 330. Recommended: CMSC 420. Old prerequisites of CMSC 330 and CMSC 420 will be accepted for Spring 1991 registrations. New prerequisites will be enforced beginning Fall 1991. 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) STAFF

CMSC424 (PermReq) Database Design; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 420. Recommended: CMSC 450. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Mark, L

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 330 or CMSC 400. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0104) Zelkowitz, M
0201 TuTh.....8:00am- 9:15am (ITV 1111) Barth, C

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 420 and CMSC 430 or equivalent. 3 credits
0101 TuTh.....8:00am- 8:50am (CLB 0102) Rombach, H

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as MATH 444. Credit will be granted for only one of the following: MATH 444 or CMSC 450. For students entering the computer science major after Spring 1990, CMSC 450 will no longer be accepted as meeting CORE course requirements. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0305) Owings Jr., J
0201 MWF.....9:00am- 9:50am (MTH 0409) Lopez-Escobar,
0301 MWF.....1:00pm- 1:50pm (MTH 1313) Laskowski, M

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 113; and CMSC 251. Old prerequisites: CMSC 113 and CMSC 150(250) will be accepted for Spring, 1991 registrations. Recommended: CMSC 420. 3 credits
0101 TuTh.....9:30am-10:45am (ITV 1111) Mount, D
0201 MWF.....11:00am-11:50am (CLB 0102) STAFF

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 113; and CMSC 251. Old prerequisites: CMSC 113 and CMSC 150(250) will be accepted for Spring, 1991 registrations. New prerequisites will be enforced beginning Fall, 1991. 3 credits
0101 TuTh.....11:00am-12:15pm (ITV 1111) Edmundson, H

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 and MATH 241; and (CMSC 110 or CMSC 113). Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0304) Nochetto, R
0201 TuTh.....3:30pm- 4:45pm (MTH 0103) Glaz, H

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240; and MATH 241; and (CMSC 110 or equivalent). Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0101) Osborn, J
0201 TuTh.....11:00am-12:15pm (CLB 0109) Kruskal, C

CMSC467 (PermReq) Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD. Prerequisite: MAPL/CMSC 466. Also offered as MAPL 467. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0109) Stewart, G

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0305) Alexander, J

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor required in advance on departmental form. 1-3 credits

CMSC498E (PermReq) Special Problems in Computer Science: Computers and Society; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0111) Shneiderman, B

CMSC498J (PermReq) Special Problems in Computer Science: Image Processing; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 150, CMSC 420, MATH 240, MATH 241;(and STAT 400 or equivalent); corequisite: CMSC 498K. CMSC 498J and CMSC 498K will be taught and graded as a unit. It will not be possible to repeat only one of the two to improve the grade. This course in combination with CMSC 498K may be substituted for CMSC 426 in the CMSC CORE courses. 1-3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0104) Kanal, L

CMSC498K (PermReq) Special Problems in Computer Science: Image Processing Lab; Grade Method: REG/P-F/AUD. Corequisite: CMSC 498J. CMSC 498J and 498K will be taught and graded as a unit. It will not be possible to repeat only one of the two to improve the grade. This course in combination with 498J may be substituted for CMSC 426 in the CMSC CORE courses: 1-3 credits
0101 F.....3:00pm- 5:00pm (Arranged) LAB STAFF

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD. Prerequisites: CMSC 411; and CMSC 412; and STAT 400. 3 credits
0101 MWF.....10:00am-10:50am (ITV 1111) Salem, K

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD. Prerequisites: CMSC 420; and CMSC 450. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2107) Subrahmanian, V

CMSC624 (PermReq) Database Management Systems; Grade Method: REG/AUD. Prerequisite: CMSC 424 or permission of instructor. 3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0102) Faloutsos, C

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD. Prerequisite: CMSC 430. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ITV 1111) Furuta, R

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD. Prerequisite: CMSC 452. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Smith, C

CMSC651 (PermReq) Analysis of Algorithms; Grade Method: REG/AUD. Prerequisite: CMSC 451. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Pugh, W

CMSC666 (PermReq) Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666. 3 credits
0101 MWF.....9:00am- 9:50am (ITV 1100) Wolfe, P

CMSC667 (PermReq) Numerical Analysis II; Grade Method: REG/AUD. Prerequisite: CMSC/MAP 666. Also offered as MAPL 667. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Babuska, I

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC818C (PermReq) Advanced Topics in Computer Systems: Performance and Reliability of Mass Storage Systems; Grade Method: REG/AUD. 3 credits
0101 Th.....2:00pm- 4:30pm (Arranged) Carson, S
0501 Time and room to be arranged STAFF

CMSC818M (PermReq) Advanced Topics in Computer Systems: Communication Protocols; Grade Method: REG/AUD. 1-3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Miller, R

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC828R (PermReq) Advanced Topics in Information Processing: Advanced Topics in Database Systems; Grade Method: REG/AUD. Prerequisites: CMSC 424 or CMSC 624 or permission of instructor. 1-3 credits
0101 Tu.....12:30pm- 3:15pm (CSS 2330) Roussopoulos, N

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC838S (PermReq) Advanced Topics in Programming Languages: Selected Topics in Programming Languages; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Stotts, D

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC858G (PermReq) Advanced Topics in Theory of Computing: Modal and Nonmonotonic Logic; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (CLB 0109) Horty, J

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1400) Hacklander, E

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Stapleton, D
0201 MWF.....9:00am- 9:50am (MMH 1304) Whittington, L

CNEC312 Economics of the Family; Grade Method: REG/P-F/AUD. Prerequisite: (ECON 201; and ECON 203) or ECON 205. 3 credits
0101 MWF.....11:00am-11:50am (ARM 0119) Whittington, L

CNEC385 (PermReq) Junior Honors Seminar; Grade Method: S-F. Limited to juniors in the departmental honors program. 1 credit
0101 Time and room to be arranged Whittington, L

CNEC388 (PermReq) Field Work and Analysis in Consumer Economics; Grade Method: S-F. 3-6 credits
0101 Time and room to be arranged Wagner, J

CNEC400 Research Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or MATH 115. Not open to students who have completed TEXT 400 or BMGT 230. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1304) Stapleton, D

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. Not open to students who have completed FMCD 441. 3 credits
0101 MWF.....10:00am-10:50am (MMH 3418) Soberon-Ferrer,
0102 MWF.....12:00pm-12:50pm (MMH 0108) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 M.....6:00pm- 8:40pm (MMH 1400) Jakitsch, R
0301 Tu.....6:00pm- 8:40pm (MMH 1400) Goldberg, F
0401 W.....6:30pm- 9:10pm (MMH 1400) Ensor, B
0501 TuTh.....3:30pm- 4:45pm (MMH 1400) Brannigan, V

CNEC433 Consumer Law: Advertising and Solicitation; Grade Method: REG/P-F/AUD. Prerequisite: CNEC 431 or permission of department. Course offered in spring semester only. — 3 credits
0101 W.....3:00pm- 5:30pm (MMH 1304) Brannigan, V

CNEC435 Economics of Consumption; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or [ECON 205 for non-majors]. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0117) Mokhtari, M

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: PSYC 100; and SOCY 100. — 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Hacklander, E
0301 MWF.....9:00am- 9:50am (ARM 0117) Hacklander, E

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-4 credits

CNEC498C Special Studies: Standardization and International Trade; Grade Method: REG/P-F/AUD. Junior standing. Students cannot receive credit for CNEC 455 and TEXT/CNEC 498C. — 3 credits
0101 W.....3:30pm- 6:00pm (ARM 0103) Spivak, S

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 (PermReq) Co-Op Work Experience I; Grade Method: S-F. — No credit
0101 Time and room to be arranged Martin, T

COOP099 (PermReq) Co-Op Work Experience II; Grade Method: S-F. — No credit
0101 Time and room to be arranged Martin, T

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0201 TuTh.....9:30am-10:45am (JMZ 0220) Cottey, T
0301 MWF.....9:00am- 9:50am (SHM 2102) Cottey, T

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only, and permission of department. — 1-6 credits

CRIM386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CRIM 387. Prerequisites: junior standing by Aug 1990, 3.2 cumulative GPA, and a grade of "A" in the course in which assisting. — 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: CRIM 386. Prerequisites: junior standing by Aug 1990, 3.2 cumulative GPA, and a grade of 'A' in the course in which assisting. — 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology; Grade Method: REG. For honor students only. Prerequisite: SOCY 100. — 3 credits
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Honors students only. — 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. — 1-3 credits

CRIM450 Juvenile Delinquency; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 1213) Paternoster, R

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0124) Maida, P

CRIM452 Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD. Prerequisite: [CRIM 220; and CRIM 450; and CRIM 451] or [CRIM 452 or CRIM 453]. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1101) Simpson, S

CRIM457 Comparative Criminology; Grade Method: REG. Prerequisite: CRIM 220 or CRIM 450. — 3 credits
0101 MWF.....2:00pm- 2:50pm (LEF 1220) Ingraham, B

CRIM498A Selected Topics in Criminology: Women and Crime; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1222) Simpson, S

CRIM650 Advanced Criminology; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:45pm (KEY 0124) Smith, D

CRIM651 Seminar in Criminology; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:45pm (KEY 0119) Wellford, C

CRIM652 Seminar in Juvenile Delinquency; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1201) Gottfredson, D

CRIM654 History of Criminological Thought; Grade Method: REG. Prerequisite: CRIM 454 or equivalent. — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1210) Paternoster, R

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CRIM699B Special Criminological Problems: Women and Crime; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1222) Simpson, S

CRIM710 Advanced Research Methods in Criminology; Grade Method: REG. Prerequisite: approved doctoral level statistics course. — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1222) McDowall, D

CRIM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CRIM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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DANC Dance (Arts and Humanities)

DANC100 Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....1:00pm- 1:50pm (PKT 2102) LAB Fleitell, S
0102 MWF.....2:00pm- 2:50pm (PKT 2102) LAB Jackson, P
0103 MWF.....3:00pm- 3:50pm (PKT 2102) LAB McDonald, A
0104 TuTh.....11:00am-12:15pm (DNC 1105) LAB Warren, L
0105 TuTh.....2:00pm- 3:15pm (DNC 1136) LAB Rolland, E
0106 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB McDonald, A

DANC104 Modern Dance II for Non-Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 100. — 2 credits
0101 TuTh.....6:30pm- 7:45pm (PKT 2102) LAB Mayes, A

DANC109 Improvisation I; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (DNC 1105) LAB Dunn, R

DANC124 Ballet I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0102 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S
0103 MWF.....12:00pm-12:50pm (PKT 2102) LAB Druker, S

DANC127 Ballet II for Non-Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 124 or audition. — 2 credits
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Druker, S

DANC138 Introduction to Ethnic Dance: Intro to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....9:30am-10:45am (DNC 1105) LAB Frosch-Schroder

DANC154 Jazz I for Non-Majors; Grade Method: REG/P-F/AUD. — 2 credits
0101 MWF.....10:00am-10:50am (DNC 1136) Mayes, A
0102 TuTh.....3:30pm- 4:45pm (DNC 1136) Ginsburg, A

DANC158 Jazz I for Majors Only; Grade Method: REG/P-F/AUD. Non-majors admitted. — 2 credits
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Mayes, A

DANC199 (PermReq) Practicum in Choreography, Production and Performance I: Dance Workshop I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

DANC199A Practicum in Choreography, Production and Performance I: Tap Dance (Intermediate); Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB Slater, M

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....11:00am-11:50am (DNC 1143) Fleitell, S
0201 MWF.....1:00pm- 1:50pm (DNC 1143) McDonald, A
0301 TuTh.....11:00am-12:15pm (DNC 1143) Warren, A
0401 TuTh.....1:30pm- 1:45pm (DNC 1143) Ginsburg, A
0501 TuTh.....2:00pm- 3:15pm (DNC 1143) Warren, L

DANC210 Dance Production; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....3:30pm- 4:50pm (DNC 1105) Jackson, P

DANC228 (PermReq) Ballet I for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (DNC 1136) LAB Druker, S

DANC248 (PermReq) Modern Dance I for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted. — 3 credits
0101 MWF.....11:00am-12:20pm (DNC 1136) LAB McDonald, A

DANC249 Modern Dance II for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted. — 3 credits
0101 MWF.....12:30pm- 1:50pm (DNC 1136) LAB Mayes, A

DANC258 Jazz II; Grade Method: REG/P-F/AUD. Prerequisite: DANC 154, DANC 158, or audition. Non-majors admitted. — 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB Frosch-Schroder

DANC299 (PermReq) Practicum in Choreography, Production and Performance II: Dance Workshop II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

DANC308 Choreography II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....3:30pm- 4:50pm (DNC 1136) LAB Warren, A

DANC310 Dance Lighting; Grade Method: REG/P-F/AUD. Prerequisite: DANC 210. — 3 credits
0101 Time and room to be arranged Jackson, P

DANC328 Ballet III: Ballet III for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 229 or audition. Non-majors admitted. — 2 credits
0101 TuTh.....11:00am-12:15pm (DNC 1136) LAB Druker, S

DANC329 Ballet IV: Ballet IV for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 328 or audition. Non-majors admitted. — 2 credits
0101 TuTh.....11:00am-12:15pm (DNC 1136) Druker, S

DANC349 Modern Dance IV for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 348 or audition. — 3 credits
0101 MWF.....11:00am-12:20pm (DNC 1105) LAB Rosen, M

DANC379 (PermReq) Practicum in Dance; Grade Method: REG/P-F/AUD. — 1-3 credits
0201 Time and room to be arranged Rosen, M

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DANC 387. — 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DANC 386. — 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....2:00pm- 3:20pm (DNC 1105) LAB Warren, L

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

DANC399 (PermReq) Practicum in Choreography, Production and Performance III: Dance Workshop III; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. — 1-2 credits

DANC399A (PermReq) Practicum in Choreography, Production and Performance III: Tap Dance (Advanced); Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Slater, M

DANC448 Modern Dance V for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:30pm- 1:50pm (DNC 1105) LAB Ginsburg, A

DANC449 Modern Dance VI for Majors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:30pm- 1:50pm (DNC 1105) LAB Ginsburg, A

DANC466 Laban Movement Analysis; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (DNC 1105) Dunn, R

DANC468 Modern Repertory; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 5:15pm (DNC 1105) LAB Butler, E

DANC479 (PermReq) Advanced Practicum in Dance; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged Rosen, M

DANC484 Philosophy of Dance; Grade Method: REG/P-F/AUD. Prerequisite: DANC 200 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (DNC 1143) Dunn, R

DANC489 Special Topics in Dance: The Representation of Women in Dance; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....3:30pm- 5:50pm (DNC 1143) Rosen, M

DANC499 (PermReq) Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. — 1-6 credits

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DESN Design (Arts and Humanities)

DESN101 Design Studio I; Grade Method: REG/P-F/AUD. For pre-design majors only. Credit will be granted for only one of the following: APDS 101 or DESN 101. Formerly APDS 101. Attendance on the first day of classes is mandatory. — 3 credits
0101 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
M.....1:00pm- 2:50pm (MMH 2411) DIS
0102 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
M.....1:00pm- 2:50pm (MMH 2415) DIS
0103 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
M.....3:00pm- 4:50pm (MMH 2415) DIS
0104 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
M.....3:00pm- 4:50pm (MMH 2411) DIS
0105 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
W.....1:00pm- 2:50pm (MMH 2411) DIS
0106 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
W.....1:00pm- 2:50pm (MMH 2415) DIS
0107 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
W.....3:00pm- 4:50pm (MMH 2415) DIS
0108 F.....2:00pm- 3:40pm (MMH 1400) Eckersley, M
W.....3:00pm- 4:50pm (MMH 2411) DIS

DESN102 Design Studio II; Grade Method: REG/P-F/AUD. Prerequisite: DESN 101. Corequisite: DESN 103. For pre-design majors only. Credit will be granted for only one of the following: DESN 102 or APDS 102. Formerly APDS 102. Attendance on the first day of classes is mandatory. — 3 credits
0101 MF.....10:00am-12:30pm (MMH 2411) LAB Dean, S
0102 MF.....10:00am-12:30pm (MMH 2415) LAB Dean, S
0103 W.....10:00am-12:30pm (MMH 2411) LAB Dean, S
F.....1:00pm- 3:30pm (MMH 2411) LAB
0104 W.....10:00am-12:30pm (MMH 2415) LAB Dean, S
F.....1:00pm- 3:30pm (MMH 2415) LAB

DESN103 Design Studio III; Grade Method: REG/P-F/AUD. Prerequisite: DESN 101. Corequisite: DESN 102. For pre-design majors only. Credit will be granted for only one of the following: APDS 103 or DESN 103. Formerly APDS 103. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 2411) LAB Sham, F
0201 TuTh.....11:00am- 1:30pm (MMH 2415) LAB Sham, F
0301 TuTh.....2:30pm- 5:00pm (MMH 2411) LAB Sham, F
0401 TuTh.....2:30pm- 5:00pm (MMH 2415) LAB Sham, F

DESN204 History of Design; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Prerequisite: ARTH 200. Credit will be granted for only one of the following: APDS 104 or DESN 204. Formerly APDS 104. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1400) McWhinnie, H

DESN205 Drawing for Designers; Grade Method: REG/P-F/AUD. Prerequisites: DESN 102; and DESN 103; and EDIT 160. For advertising design, design, and interior design majors only. Credit will be granted for only one of the following: APDS 211 or DESN 205. Formerly APDS 211. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....11:00am-12:40pm (MMH 0401) LAB Thorpe, J

DESN210 Presentation Techniques for Visual Communication Design; Grade Method: REG. Prerequisite: DESN 205. For advertising design majors only. Credit will be granted for only one of the following: APDS 210 or DESN 210. Formerly APDS 210. Attendance on the first day of classes is mandatory. — 3 credits
0101 WF.....12:40pm- 3:10pm (MMH 0401) LAB Ansell, J

DESN212 Graphic Techniques for Interior Design; Grade Method: REG/P-F/AUD. Prerequisite: DESN 205. For interior design majors only. Credit will be granted for only one of the following: HSAD 210 or DESN 212. Formerly HSAD 210. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....4:00pm- 6:30pm (MMH 1108) Tasi, P

DESN230 Typography I; Grade Method: REG/P-F/AUD. Prerequisites: DESN 102; and DESN 103; and EDIT 160. For advertising design majors only. Credit will be granted for only one of the following: APDS 330 or DESN 230. Formerly APDS 330. Attendance on the first day of classes is mandatory. — 3 credits
0101 W.....9:00am-10:15am (MMH 1413) Davis, S
M.....8:00am-11:00am (MMH 1413) LAB

DESN237 Photography I; Grade Method: REG/P-F/AUD. Prerequisite: DESN 205. For advertising design majors only. Credit will be granted for only one of the following: APDS 237 or DESN 237. Formerly APDS 237. Attendance on the first day of classes is mandatory. — 3 credits
0101 Tu.....3:00pm- 4:30pm (MMH 0110) Jacobs, W
Th.....2:30pm- 5:00pm (MMH 0110)
Time and room to be arranged LAB

DESN246 Materials in Interior Design; Grade Method: REG/P-F/AUD. Prerequisites: DESN 102 and DESN 103. For interior design majors only. Credit will be granted for only one of the following: HSAD 246 or DESN 246. Formerly HSAD 246. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (WDS 1114) Hoover, B

DESN300 Introduction to Computer-Aided Design and Computer Graphics; Grade Method: REG. Prerequisite: MATH 110. — 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1106) Chen, A

DESN320 Illustration I; Grade Method: REG. Prerequisites: DESN 210; and DESN 230. For advertising design majors only. Credit will be granted for only one of the following: APDS 320 or DESN 320. Formerly APDS 320. Attendance on the first day of classes is mandatory. — 3 credits
0101 Tu.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Th.....1:00pm- 4:00pm (MMH 1413) LAB

DESN331 Advertising Design Studio I; Grade Method: REG/P-F/AUD. Prerequisites: DESN 231; and DESN 320. For advertising communication design majors only. Credit will be granted for only one of the following: APDS 331 or DESN 331. Formerly APDS 331. Attendance on the first day of classes is mandatory. — 3 credits
0101 Th.....8:00am-11:00am (MMH 1413) STAFF
Tu.....8:00am- 9:00am (MMH 1413) LAB
Time and room to be arranged LAB

DESN342 Space Development; Grade Method: REG/P-F/AUD. Prerequisites: DESN 212; and DESN 246; and DESN 247; and EDIT 241. For interior design majors only. Credit will be granted for only one of the following: HSAD 342 or DESN 342. Formerly HSAD 342. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....1:30pm- 4:00pm (MMH 1108) LAB Francescato, G

DESN362 Ideas in Design; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. Junior standing. Credit will be granted for only one of the following: DESN 362 or HSAD 362. Formerly HSAD 362. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 2309) Bonta, J

DESN380 Professional Practices in Visual Communication Design; Grade Method: REG/P-F/AUD. Prerequisite: DESN 430. For advertising design majors only. Credit will be granted for only one of the following: APDS 380 or DESN 380. Formerly — 3 credits

Course Listings Continued on Page 58

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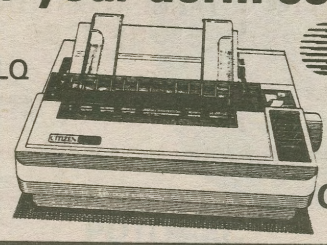

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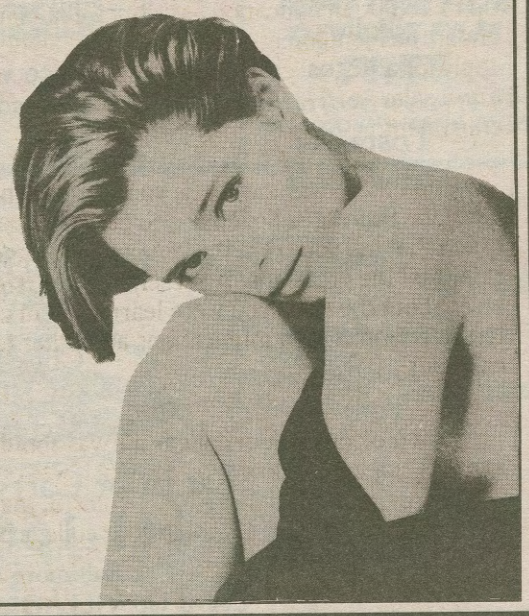

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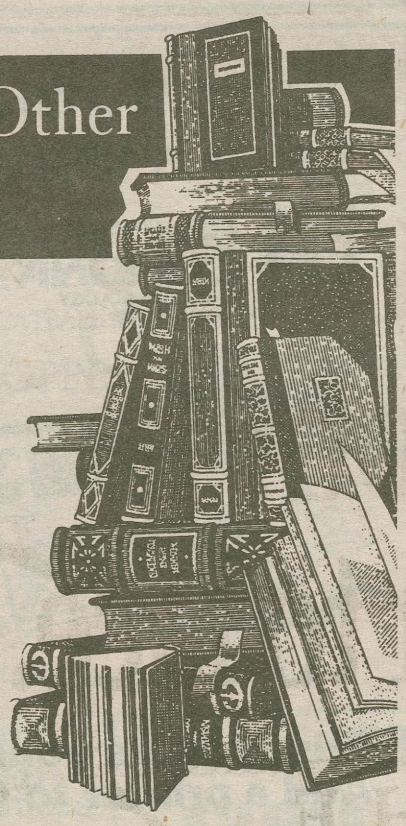
Notes, Doodles & Other Important Graffiti



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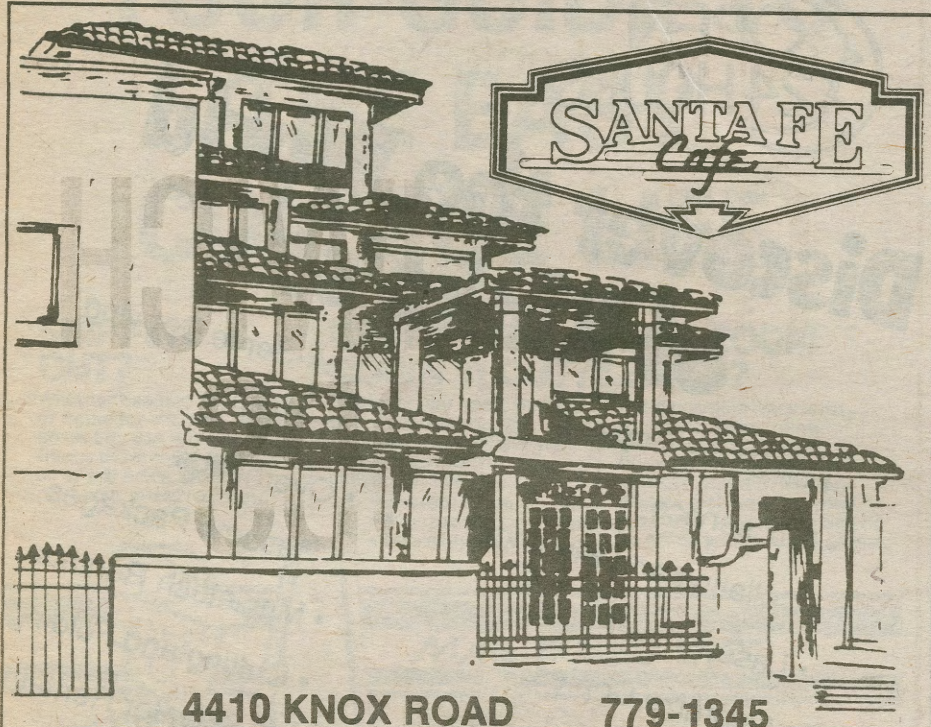

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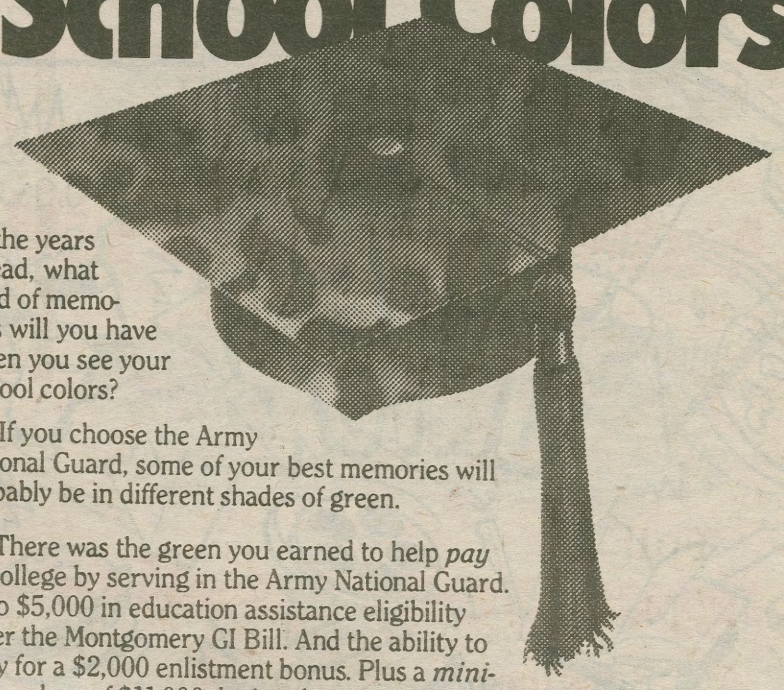
School Colors.



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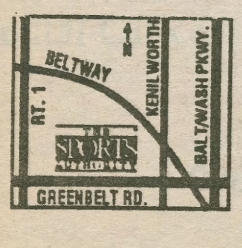

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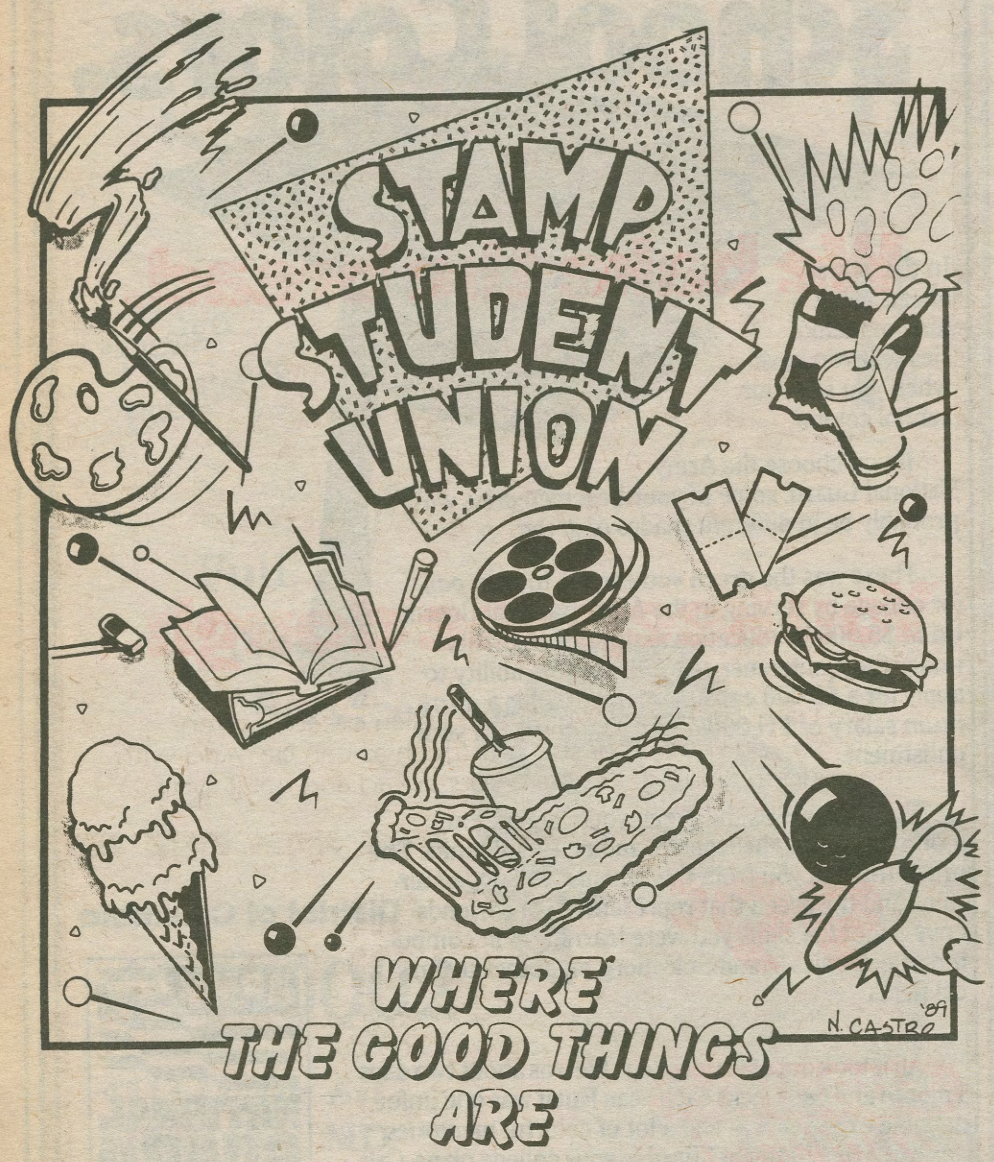

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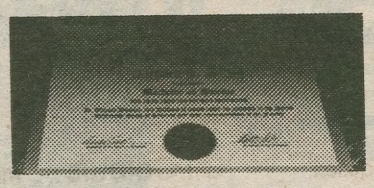

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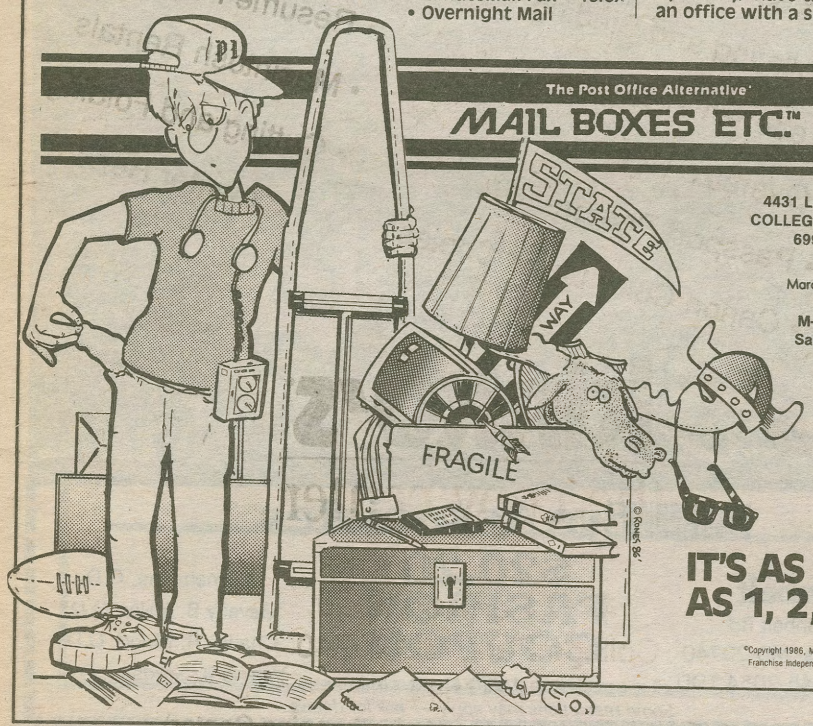

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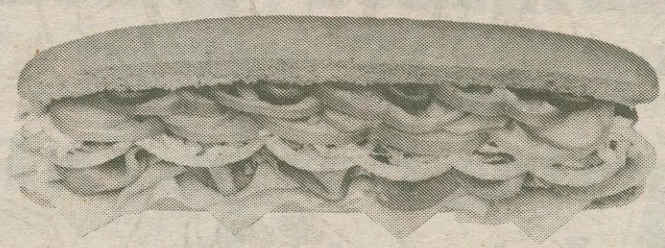

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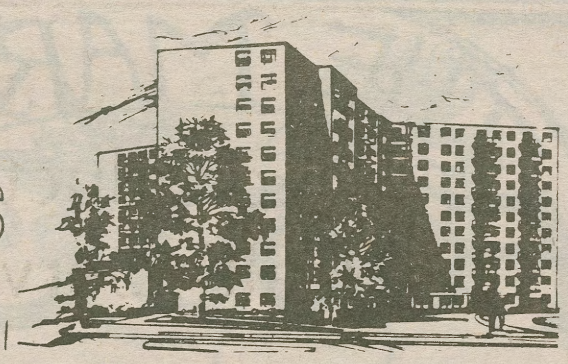

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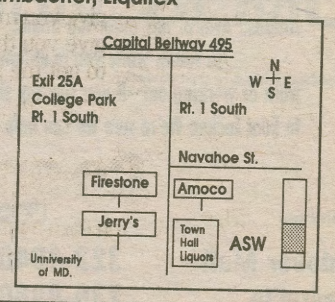

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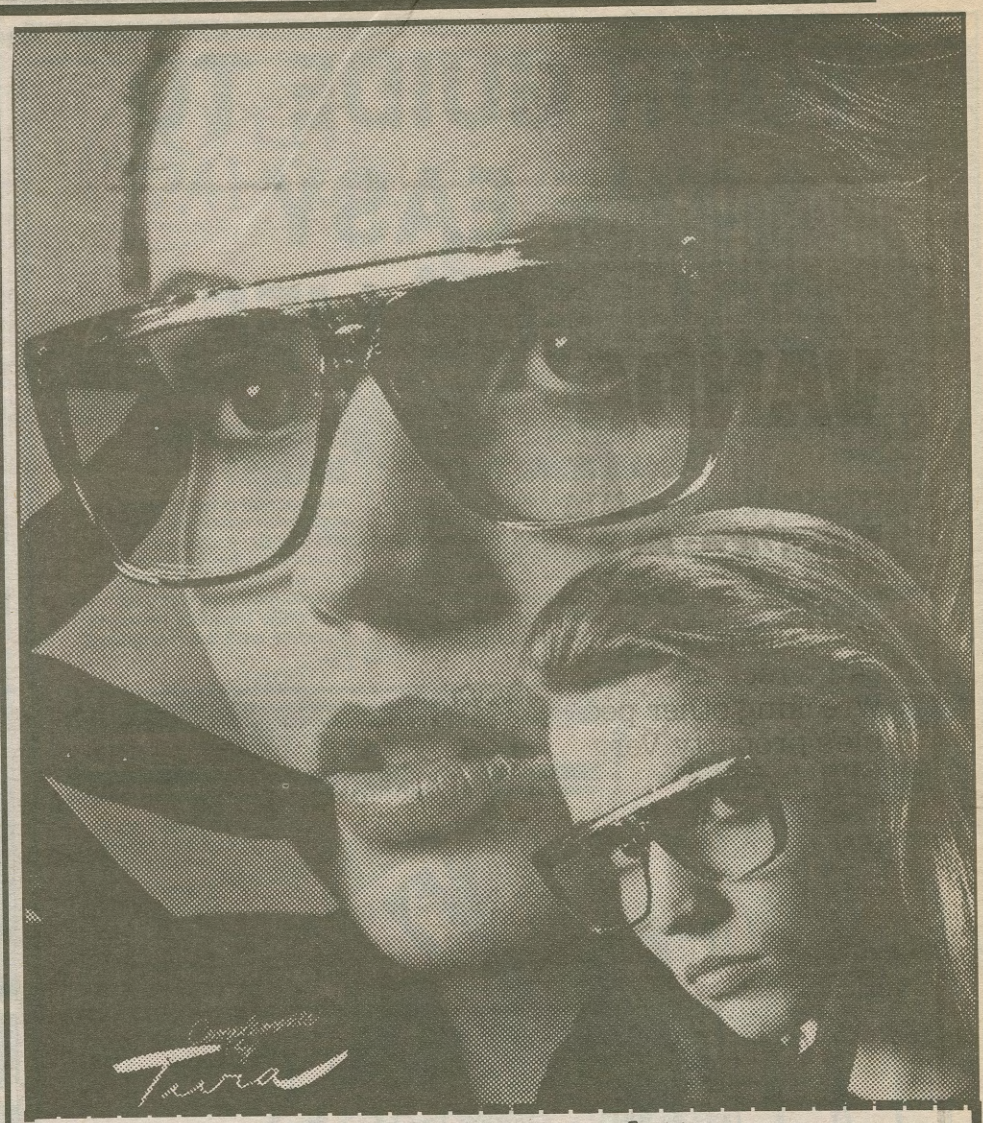

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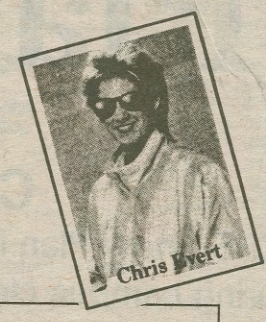

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FACILITIES OR PROGRAMS	UNIVERSITY OPENS LATE	UNIVERSITY CLOSES EARLY	CLASSES CANCELLED, UNIVERSITY OPEN	UNIVERSITY CLOSED
AEROBICS	Regular schedule	If the University closes before 5:00pm: 1 low-impact class from 5:00-6:00pm in HHP Bldg. Rm. #0102. If the University closes at 7:00pm: Regular schedule.	1 low-impact class from 5:00-6:00pm in HHP Bldg. Rm. #0102.	1 low-impact class from 5:00-6:00pm in HHP Bldg. Rm.#0102.
AQUATICS	Regular schedule after time of opening.	Sessions cancelled	Sessions cancelled	Sessions cancelled
ARMORY	Regular schedule	If the University closes at noon: the Armory will be closed. If the University closes between 2pm-4pm: the Armory will remain open Until 5pm.	Facility closed	Facility closed
CRS OFFICE	Regular schedule	Regular schedule	Regular schedule	Office closed
HHP BUILDING	Regular schedule	Regular schedule	Facility opens at noon	Facility opens at noon
INTRAMURALS	Regular schedule	Activities cancelled	Activities cancelled	Activities cancelled
SPORT CLUBS	Regular schedule	Activities cancelled	Activities cancelled	Activities cancelled
WATER AEROBICS	Regular schedule	Class cancelled	Class cancelled	Class cancelled

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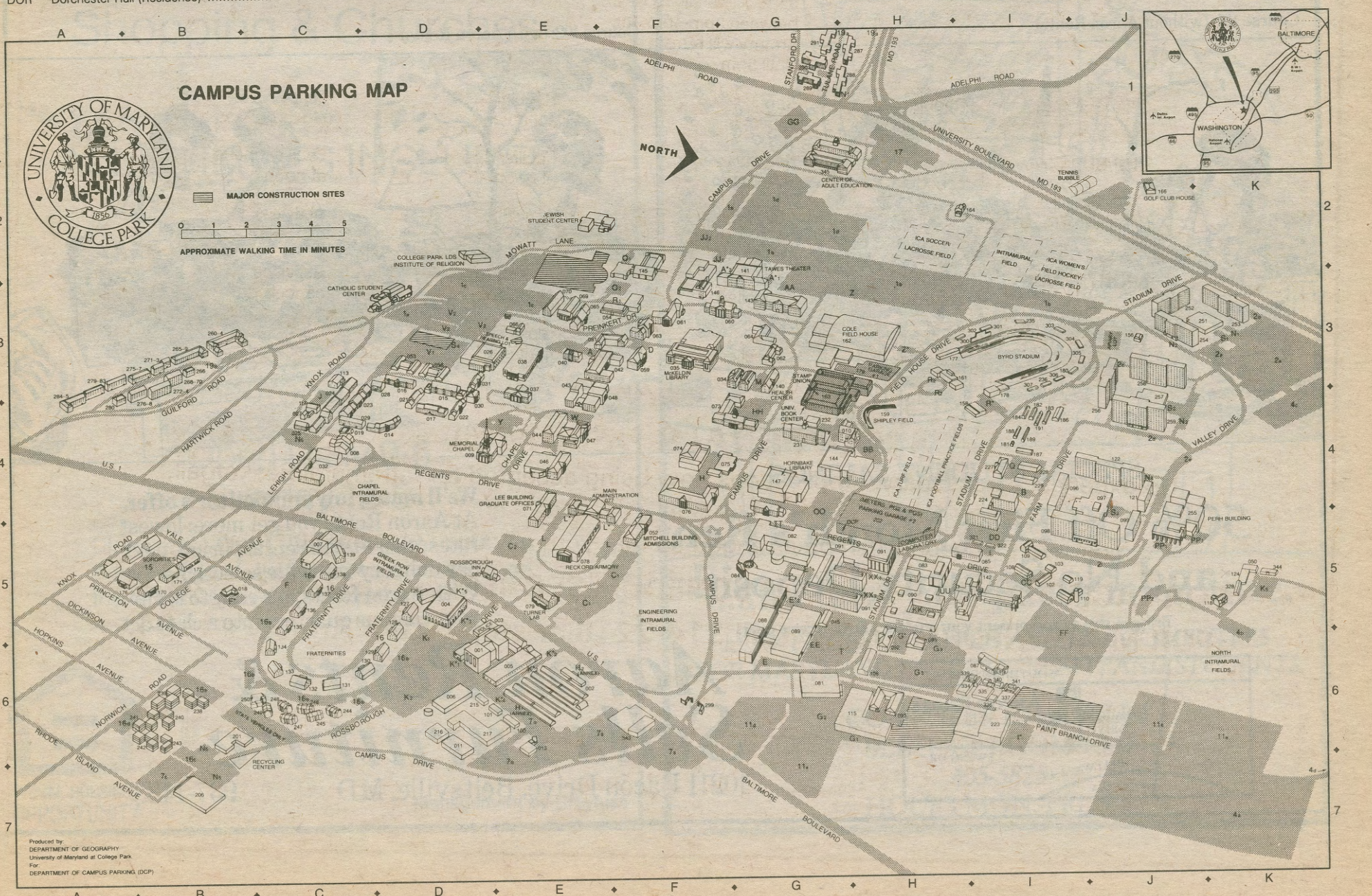
University of Maryland

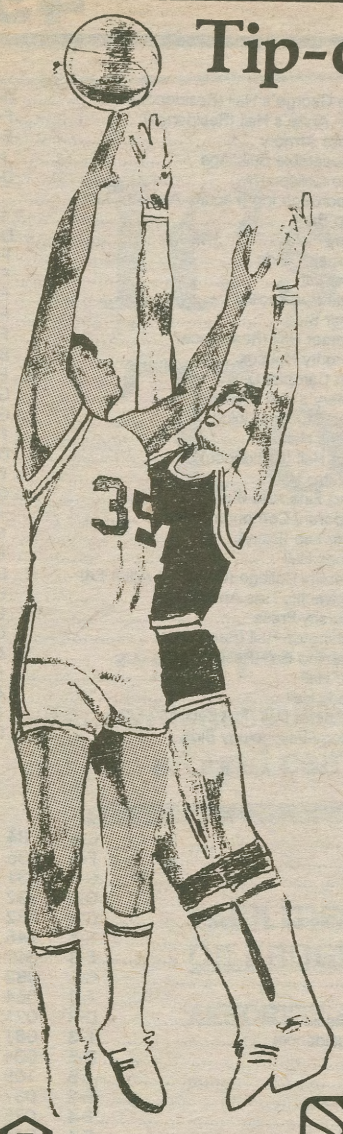
ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Residence) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg H-5
060 Anne Arundel Hall (Residence) G-3
156 Apiary J-3
145 Architecture Bldg F-2
146 Art-Sociology Bldg F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Residence) D-3
099 Bel Air Hall (Residence) J-5
143 Benjamin Hall (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg H-3
015 Calvert Hall (Residence) D-3
096 Cambridge Hall (Residence) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Residence) E-3
065 Carroll Hall (Residence) E-3
017 Cecil Hall (Residence) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Residence) J-5
025 Charles Hall (Residence) C-4
090 Chemical and Nuclear Engineering Bldg H-5
091 Chemistry Bldg G-5
121 Chestertown Hall (Residence) J-4
106 Classroom Bldg H-6
162 Cole Student Activities Bldg G-3
224 Computer and Space Sciences Bldg I-4
122 Cumberland Hall (Residence) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
053 Dance Building D-3
252 Denton Hall (Residence) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall (Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorchester Hall (Residence) G-3
253 Easton Hall (Residence) K-3
066 Education Annex, West E-3
254 Elkton Hall (Residence) J-3
256 Ellicott Hall (Residence) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg G-6
093 Engineering Research Bldg H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Residence) C-4
031 Garrett Hall (Residence) D-3
299 Gatehouse F-6
237 Geology Bldg G-4
166 Golf Range J-2
002 Greenhouses F-6
258 Hagerstown Hall (Residence) J-3
014 Harford Hall (Residence) D-4
255 Health and Human Performance Bldg J-5
140 Health Center G-3
074 Hofzapfel Hall F-4
147 Hornbake Undergraduate Library G-4
028 Howard Hall (Residence) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg (Foreign Language) G-3
059 Journalism Bldg F-3
227 Jull Hall I-4
022 Kent Hall (Residence) D-4
027 Knox Rd. Office Bldg East C-4
259 LaPlata Hall (Residence) J-4
071 Lee Bldg and Graduate School E-4
038 Le Frak Hall (Social Sciences) E-3
201 Leonardtown Community Bldg (Employment Office) B-6
238-249 Leonardtown Modular Residence B-6
260-285 Lord Calvert Apts B-4
077 Main Administration Bldg E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg G-4
232 Mill Bldg G-4
052 Mitchell Bldg F-5
032 Montgomery Hall (Residence) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
094 Paint Branch Dr. Office Bldg H-6
179 Parking Garage #1 ..... H-4
202 Parking Garage #2 ..... H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
082 Physics Bldg G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg E-6
113 Police Substation C-3
181-191 Poultry Bldgs I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Residence) D-3
061 Queen Anne's Hall (Residence) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club) .....
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg E-4
063 Somerset Hall (Residence) F-3
170-176 Sorority Houses B-5
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Residence) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Residence) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg G-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall E-3
345 University College (Center of Adult Ed) G-2
286-292 University Hills Apts G-1
005 University Press E-6
023 Washington Hall (Residence) C-4
069 Wicomico Hall (Residence) E-3
081 Wind Hall E-4
047 Woods Hall E-4
051 Worcester Hall (Residence) F-3
144 Zoology-Psychology Bldg G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
AGY	Allegany Hall (Residence)	C-4	024
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ANA	Anne Arundel Hall (Residence)	G-3	060
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg	F-3	146
AVW	A.W. Williams Bldg	H-6	115
BAL	Baltimore Hall (Residence)	D-3	016
BEB	Beef Barn	I-5	110
BEL	Bel Air Hall (Residence)	D-3	099
BRD	Byrd Stadium	I-3	160
CAL	Calvert Hall (Residence)	D-3	015
CAM	Cambridge Hall (Residence)	I-4	096
CAR	Caroline Hall (Residence)	E-3	070
CRL	Carroll Hall (Residence)	E-3	065
CEC	Cecil Hall (Residence)	D-4	017
CEN	Centreville Hall (Residence)	J-5	098
CHL	Charles Hall (Residence)	C-4	025
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg	G-5	091
CHS	Chestertown Hall (Residence)	J-4	121
CLB	Blassroom Bldg	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg	I-4	224
CBD	Cumberland Hall (Residence)	J-4	122
DSA	Dairy Science Annes & Large Animal Classroom	I-5	107
DNC	Dance Building	D-3	053
DEN	Denton Hall (Residence)	J-3	252
DOR	Dorchester Hall (Residence)	G-3	064
EAS	Easton Hall (Residence)	K-3	253
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
ELK	Elkton Hall (Residence)	J-3	254
ELL	Ellicott Hall (Residence)	J-3	256
EGL	Engineering Laboratory Bldg (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
FRD	Frederick Hall (Residence)	C-4	029
GRT	Garrett Hall (Residence)	D-3	031
GEO	Geology Bldg	G-4	237
GLF	Golf Range	J-2	166
HAG	Hagerstown Hall (Residence)	J-3	258
HAR	Harrison Lab	E-6	002
HRT	Hartford Hall (Residence)	D-4	014
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate library	G-4	147
HJP	H.J. Patterson	G-4	073
HHP	Health and Human Performance Bldg	J-5	255
HZF	Holzapfel Hall	F-4	074
HOW	Howard Hall (Residence)	D-3	028
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KNT	Kent Hall (Residence)	D-4	022
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LPA	LaPlata Hall (Residence)	J-4	259
LEF	Lefrak Social Sciences	E-3	038
MTH	Mathematics Bldg	G-5	084
MCK	McKeldin Library	F-3	035
MCB	Microbiology Bldg	G-4	231
MIL	Mill Bldg	G-4	232
MNT	Montgomery Hall (Residence)	C-4	032
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field Hose	F-3	054
PGG	Prince George's Hall (Residence)	D-3	021
QAN	Queen Anne's Hall (Residence)	F-3	061
RIT	Ritchie Coliseum	D-5	004
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Bldg	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SOM	Somerset Hall (Residence)	F-3	063
SDH	South Campus Dining Hall	E-3	026
STM	St. Mary's Hall (Residence)	G-3	062
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAL	Talbot Hall (Residence)	D-4	030
TBA	To Be Arranged		
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg	G-3	141
WSH	Washington Hall (Residence)	C-4	023
WIC	Wicomico Hall (Residence)	E-3	069
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
WOR	Worcester Hall (Residence)	F-3	051
ZOP	Zoology-Yschology Bldg	G-4	144





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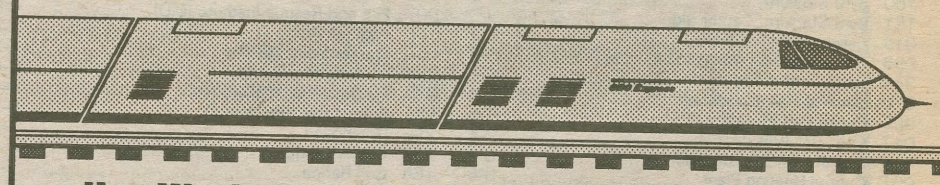

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- ***EPSL room 2403***
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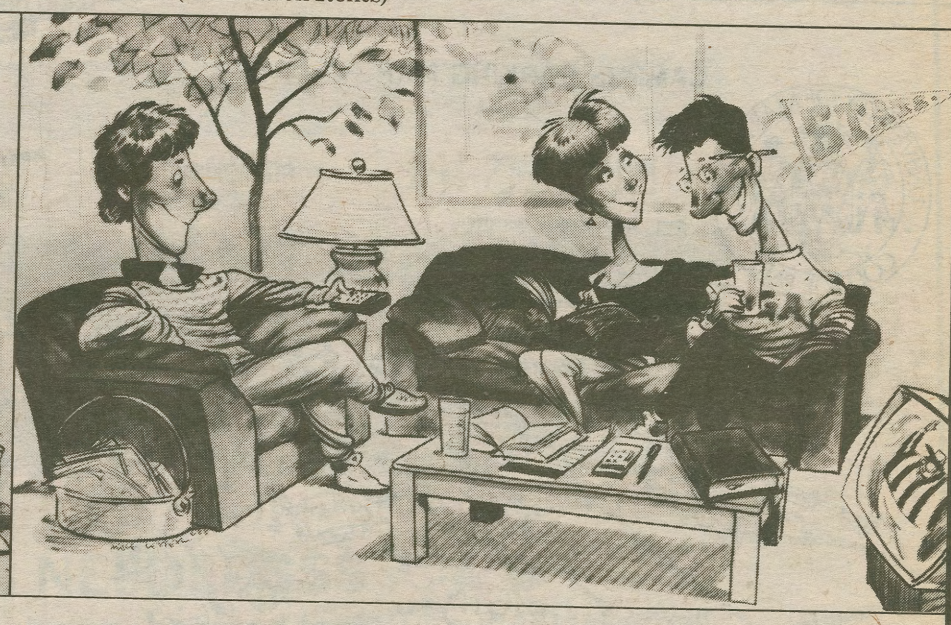

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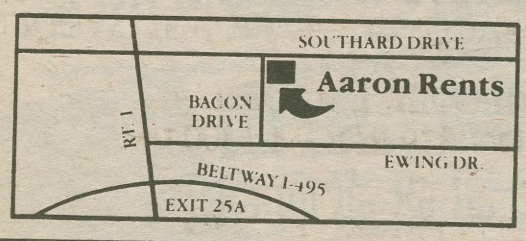

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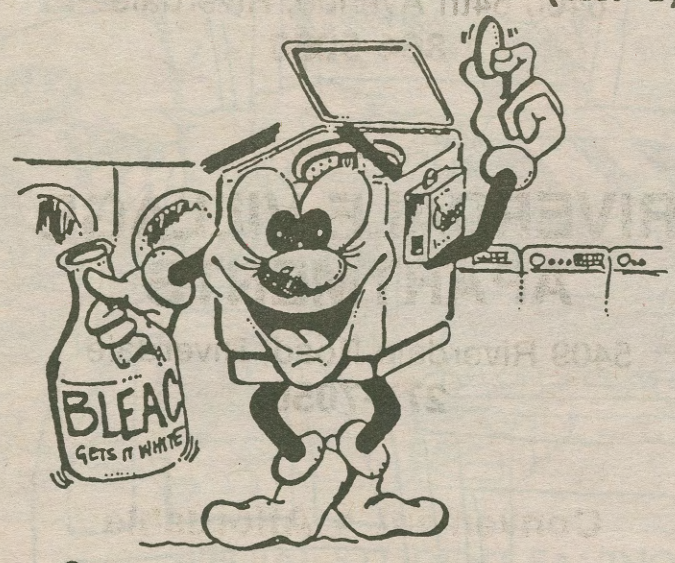

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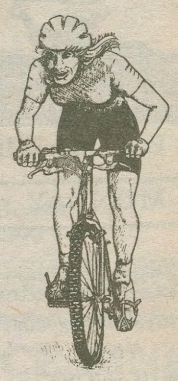

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3:00-5:00 GS
7:00-9:00 GT

THURSDAY
12:00-2:00 GS
7:30-9:30 A

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0101 Th.....12:00pm- 1:00pm (MMH 0401) Lozner, R
Tu.....12:00pm- 3:00pm (MMH 0401) LAB

DESN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DESN 387. — 1-3 credits

DESN387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: DESN 386. — 1-3 credits

DESN430 Advertising Design Studio II; Grade Method: REG/P-F/AUD. Prerequisite: DESN 320; and DESN 331. For advertising design majors only. Credit will be granted for only one of the following: DESN 430 or APDS 430. Formerly APDS 430. Attendance on the first day of classes is mandatory. — 3 credits
0101 M.....9:00am-10:00am (MMH 1108) Thorpe, J
F.....8:00am-11:00am (MMH 1108) LAB
0102 M.....9:00am-10:00am (MMH 1108) Thorpe, J
W.....8:00am-11:00am (MMH 1108) LAB

DESN472 Computer Applications for Interior Design; Grade Method: REG/P-F/AUD. Prerequisites: [DESN 342; and DESN 300] or permission of department. For interior design majors only. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....10:00am-12:30pm (MMH 1413A) Francescato, G

DESN488 (PermReq) Selected Topics in Design: Selected Topics in Housing and Interior Design; Grade Method: REG/P-F/AUD. — 1-6 credits
0101 Time and room to be arranged Sham, F

DESN499A Individual Study in Design: Individual Problems in Applied Design.; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

DESN499B (PermReq) Individual Study in Design: Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

DESN499D Individual Study in Design: Core; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

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ECON Economics (Behavior & Social Sci)

ECON105 Economics of Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Not open to students who have completed two of the following courses: ECON 201, or ECON 203, or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0101) Weinstein, P

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: ECON 201 or ECON 205. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 0101)		STAFF
0201	MWF.....9:00am- 9:50am (LEF 1220)		STAFF
0401	TuTh.....8:00am- 9:15am (TYD 2106)		STAFF
0801	MWF.....12:00pm-12:50pm (TLF 0101)		STAFF
0901	TuTh.....9:30am-10:45am (WDS 0104)		STAFF
1001	MWF.....10:00am-10:50am (WDS 0104)		STAFF
1201	MWF.....11:00am-11:50am (WDS 0104)		STAFF
1301	TuTh.....11:00am-12:15pm (WDS 0104)		STAFF
1401	MWF.....12:00pm-12:50pm (WDS 0104)		STAFF
1501	TuTh.....12:30pm- 1:45pm (TYD 1128)		STAFF
1601	MWF.....1:00pm- 1:50pm (TYD 0101)		STAFF
1701	MWF.....1:00pm- 1:50pm (TYD 1128)		STAFF
1901	MWF.....2:00pm- 2:50pm (TYD 0101)		STAFF
2001	MWF.....8:00am- 8:50am (TYD 1128)		STAFF
2102	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....9:00am- 9:50am (TYD 2100)	DIS	
2103	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....11:00am-11:50am (TYD 1132)	DIS	
2104	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	M.....12:00pm-12:50pm (TYD 1128)	DIS	
2105	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	M.....10:00am-10:50am (TYD 1132)	DIS	
2106	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	W.....10:00am-10:50am (HJP 1229)	DIS	
2107	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	W.....11:00am-11:50am (TYD 1132)	DIS	
2108	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....12:00pm-12:50pm (TYD 1114)	DIS	
2109	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....9:00am- 9:50am (TYD 2110)	DIS	
2110	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	W.....10:00am-10:50am (TYD 2100)	DIS	
2111	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....10:00am-10:50am (TYD 2100)	DIS	
2112	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....12:00pm-12:50pm (TYD 1132)	DIS	
2114	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	F.....12:00pm-12:50pm (TYD 2110)	DIS	
2115	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	M.....2:00pm- 2:50pm (WDS 0104)	DIS	
2116	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	W.....2:00pm- 2:50pm (WDS 0104)	DIS	
2117	MW.....9:00am- 9:50am (TYD 0130)		Dorsey, J
	M.....3:00pm- 3:50pm (TYD 1128)	DIS	
2401	TuTh.....2:00pm- 3:15pm (TYD 2110)		STAFF
3201	TuTh.....3:30pm- 4:45pm (TYD 2110)		STAFF

ECON201H Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: ECON 201 or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1114) Brechling, F

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Recommended: ECON 201. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 1132)		Harris Jr, C
0201	MWF.....11:00am-11:50am (LEF 1221)		STAFF
0301	MWF.....1:00pm- 1:50pm (WDS 0104)		STAFF
0501	MWF.....9:00am- 9:50am (TYD 1114)		STAFF
0601	MWF.....10:00am-10:50am (LEF 1222)		STAFF
0701	TuTh.....11:00am-12:15pm (TYD 1114)		Harris Jr, C
0801	MWF.....12:00pm-12:50pm (TYD 0101)		Knight, R
0901	MWF.....2:00pm- 2:50pm (TYD 1102)		STAFF
1001	MWF.....3:00pm- 3:50pm (TYD 1101)		STAFF
1201	MWF.....1:00pm- 1:50pm (HJP 1229)		STAFF
1401	MWF.....2:00pm- 2:50pm (TYD 1114)		STAFF
2101	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	M.....9:00am- 9:50am (TYD 1132)	DIS	
2102	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....9:00am- 9:50am (TYD 2100)	DIS	
2103	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	F.....9:00am- 9:50am (LEF 1208)	DIS	
2105	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....9:00am- 9:50am (TYD 1132)	DIS	
2106	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	M.....1:00pm- 1:50pm (TYD 2110)	DIS	
2107	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....10:00am-10:50am (TYD 1132)	DIS	
2108	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....11:00am-11:50am (TYD 2100)	DIS	
2110	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....1:00pm- 1:50pm (TYD 1132)	DIS	
2111	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	F.....1:00pm- 1:50pm (TYD 2110)	DIS	
2112	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	M.....10:00am-10:50am (TYD 2100)	DIS	
2113	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	F.....10:00am-10:50am (TYD 1132)	DIS	
2114	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	M.....11:00am-11:50am (TYD 1132)	DIS	
2115	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	F.....11:00am-11:50am (TYD 2110)	DIS	
2116	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	M.....1:00pm- 1:50pm (TYD 2100)	DIS	
2117	TuTh.....11:00am-11:50am (TYD 0130)		Wallis, J
	W.....1:00pm- 1:50pm (TYD 2106)	DIS	

ECON203H (PermReq) Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Recommended: ECON 201. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0125) Brechling, F

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205. — 3 credits

1101	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	M.....1:00pm- 1:50pm (TYD 1132)	DIS	
1102	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	W.....2:00pm- 2:50pm (TYD 2100)	DIS	
1103	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	F.....12:00pm-12:50pm (TYD 2100)	DIS	
1104	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	M.....9:00am- 9:50am (TYD 2100)	DIS	
1105	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	W.....9:00am- 9:50am (HJP 1229)	DIS	
1106	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	M.....11:00am-11:50am (TYD 2100)	DIS	
1107	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	W.....11:00am-11:50am (ARM 0121)	DIS	
1108	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	F.....9:00am- 9:50am (TYD 1132)	DIS	
1109	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	F.....10:00am-10:50am (TYD 2110)	DIS	
1110	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	F.....10:00am-10:50am (JRN 1104)	DIS	
1111	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	M.....12:00pm-12:50pm (TYD 1132)	DIS	
1112	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	W.....1:00pm- 1:50pm (TYD 2110)	DIS	
1113	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	W.....12:00pm-12:50pm (TYD 1128)	DIS	
1114	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	M.....2:00pm- 2:50pm (TYD 2100)	DIS	
1115	MW.....10:00am-10:50am (TYD 0130)		Rossman, J
	F.....2:00pm- 2:50pm (TYD 2110)	DIS	

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2106) Nagelhout, P
0201 TuTh.....12:30pm- 1:45pm (TYD 0101) Straszheim, M

ECON305 Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 1101)	STAFF
0201	MWF.....10:00am-10:50am (TYD 1114)	Stephens, K
0301	MWF.....11:00am-11:50am (TYD 2111)	Stephens, K
0401	TuTh.....12:30pm- 1:45pm (TYD 2111)	STAFF
0501	MWF.....10:00am-10:50am (TYD 1128)	Bennett, R
0601	TuTh.....11:00am-12:15pm (TYD 2111)	Almon Jr, C
0701	MWF.....9:00am- 9:50am (TYD 2106)	Hiemstra, C
0801	MWF.....1:00pm- 1:50pm (TYD 1114)	Stephens, K
0901	TuTh.....11:00am-12:15pm (JRN 1104)	Brechling, F
1101	TuTh.....2:00pm- 3:15pm (TYD 2106)	STAFF

ECON306 Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 2111)	McGuire, M
0201	TuTh.....11:00am-12:15pm (TYD 0101)	McGuire, M
0401	TuTh.....11:00am-12:15pm (TYD 0117)	Abraham, K
0501	MWF.....12:00pm- 1:50pm (TYD 1102)	STAFF
0601	MWF.....1:00pm- 1:50pm (TYD 0117)	Lyon, A
0901	TuTh.....12:30pm- 1:45pm (TYD 0102)	Weinstein, P
1001	MWF.....10:00am-10:50am (TYD 2106)	Knight, R

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. No prerequisites. — 3 credits
0201 MWF.....11:00am-11:50am (TYD 0117) Rossman, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0117) Wallis, J

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 1128)	Anderson, J
0201	TuTh.....11:00am-12:15pm (WDS 1114)	Zeck, M
0301	TuTh.....9:30am-10:45am (WDS 1114)	Zeck, M

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 1101)	Gupta, S
0201	TuTh.....11:00am-12:15pm (TLF 0101)	Betancourt, R

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 2111) Kedia, M

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470. — 3 credits

0101	TuTh.....9:30am-10:45am (ARC 1105)	Montgomery, E
0301	MWF.....2:00pm- 2:50pm (TYD 2106)	Knight, R

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 2208) Myers, S

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisites: ECON 396 and candidacy for honors in economics. — 3 credits
0101 Time and room to be arranged Oates, W

ECON398E Topics in Economics: Economics and Public Policy; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1204) Schelling, T

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. — 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ECON 305 or ECON 405. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 1114)	Almon Jr, C
0201	MWF.....11:00am-11:50am (TYD 1128)	Hiemstra, C
0301	MWF.....12:00pm-12:50pm (TYD 2111)	Monaco, L

ECON405 Advanced Intermediate Macroeconomic Theory; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; and ECON 203; and MATH 220 or equivalent. Credit will be granted for only one of the following: ECON 305 or ECON 405. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 2111) Haltiwanger, J

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; and ECON 203; and [ECON 321 or BMGT 230;] or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Anderson, G

ECON423 Quantitative Methods in Economics II; Grade Method: REG/P-F/AUD. Prerequisite: ECON 422. — 3 credits
0101 MW.....2:00pm- 3:15pm (ARM 0110) Cropper, M

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1114) Coughlin, P

ECON430 Money and Banking; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 0130) Dorsey, J
0201 MWF.....12:00pm-12:50pm (TYD 0130) Meyer, P

ECON431 Theory of Money, Prices and Economic Activity; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305 or ECON 405. Credit will be granted for only one of the following: ECON 430 or ECON 431. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Anderson, G

ECON440 International Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (TYD 1114) Zeck, M
0501 MWF.....11:00am-11:50am (TYD 2106) Dellas, H

ECON454 Theory of Public Finance and Fiscal Federalism; Grade Method: REG/AUD. Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1128) Oates, W

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. — 3 credits
0201 TuTh.....2:00pm- 3:15pm (JRN 1104) Evans, W

ECON470 Theory of Labor Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 370 or ECON 470. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2111) Abraham, K

ECON602 Macroeconomic Analysis II; Grade Method: REG/AUD. Prerequisite: ECON 601. Co-taught by C. Haliassos and C. Hulten. ECON graduate students only or permission of department. — 3 credits

0101	MW.....11:00am-12:15pm (TYD 2110)		Hulten, C
	F.....3:30pm- 5:00pm (TYD 1128)	DIS	
0201	MW.....2:00pm- 3:15pm (TYD 2110)		Hulten, C
	Tu.....5:00pm- 7:00pm (TYD 2110)	DIS	

ECON604 Microeconomic Analysis II; Grade Method: REG/AUD. Prerequisite: ECON 603. ECON graduate students only or permission of department. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 0101)		Murrell, P
	W.....5:00pm- 7:00pm (TYD 2111)	DIS	
0201	TuTh.....11:00am-12:15pm (TYD 2106)		Murrell, P
	F.....2:00pm- 3:15pm (TYD 2109)	DIS	

ECON607 Economic Theory in the Nineteenth Century; Grade Method: REG/AUD. Prerequisite: ECON 606 or permission of department. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) Dillard, D

ECON621 Quantitative Economics I; Grade Method: REG/AUD. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 0104) Poetscher, B
Th.....5:00pm- 7:00pm (TLF 1101) DIS

ECON624 Econometrics II; Grade Method: REG/AUD. Prerequisite: ECON 623. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1132) Prucha, I
M.....4:30pm- 7:00pm (TYD 2100) DIS

ECON662 Industry Structure, Conduct and Performance; Grade Method: REG/AUD. Prerequisites: ECON 603, and ECON 622 or ECON 624. ECON graduate students only or permission of department. — 3 credits
0101 MW.....8:00pm- 9:15pm (TYD 2100) Alger, D

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON698A Selected Topics in Economics: Time Series Analysis; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0117) Poetscher, B

ECON698E Selected Topics in Economics: Econometrics Workshop; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2100) Evans, W

ECON6980 Selected Topics in Economics: Workshop on Productivity and Competitiveness; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2102) Hulten, C

ECON700 Applied Economic Theory; Grade Method: REG/AUD. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....9:30am-10:45am (TYD 2140) Hulten, C

ECON702 Advanced Macroeconomics II; Grade Method: REG/AUD. ECON graduate students only or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2140) Drazen, A

ECON722 Econometrics IV; Grade Method: REG/AUD. Prerequisite: ECON 721. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 1128) Kelejian, H

ECON741 Advanced International Economics I; Grade Method: REG/AUD. Prerequisite: ECON 601. ECON graduate students only or permission of department. — 3 credits
0101 MW.....9:30am-10:45am (TYD 2110) Dellas, H

ECON752 Seminar in Public Finance; Grade Method: REG/AUD. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) Lyon, A

ECON756 Theory of Public Choice II; Grade Method: REG/AUD. Prerequisite: ECON 755 or permission of department. ECON graduate students only or permission of department. No advanced special students admitted. Co-taught by D. Mueller and M. Olson. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) Coughlin, P

ECON772 Government Policy and the Labor Market; Grade Method: REG/AUD. Prerequisite: ECON 771 or permission of department. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2100) Abraham, K

ECON785 Advanced Economics of Natural Resources; Grade Method: REG/AUD. Prerequisite: ECON 603 and ECON 621, or permission of department. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2140) Cropper, M

ECON799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON808 (PermReq) Workshop on Macroeconomics and Growth; Grade Method: SATISFACTORY/AUDIT. ECON graduate students only. — 3 credits
0101 W.....3:30pm- 6:00pm (TYD 1114) Haltiwanger, J

ECON848 (PermReq) Workshop in International Development, and Comparative Economics; Grade Method: SATISFACTORY/AUDIT. ECON graduate students only. — 3 credits
0101 Th.....3:30pm- 6:00pm (TYD 1114) Dellas, H

ECON858 (PermReq) Workshop in Public Economics; Grade Method: SATISFACTORY/AUDIT. ECON graduate students only. — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 1114) Schwab, R

ECON868 (PermReq) Workshop in Industrial Organization; Grade Method: SATISFACTORY/AUDIT. ECON graduate students only. — 3 credits
0101 Th.....3:30pm- 6:00pm (TYD 2140) Mueller, D

ECON878 Workshop in Labor Economics; Grade Method: — 3 credits

(PermReq) SATISFACTORY/AUDIT. ECON graduate students only.
0101 Tu.....3:30pm- 6:00pm (TYD 1132) Abraham, K

ECON899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F. Students must complete application for field component in Office of Laboratory Experiences. Student must reserve the equivalent of one day a week for field experience. Section 0301 meets at Northwestern High School. Section 0401 meets at Glenridge Elementary Professional Development Center. 3 credits
0101 M.....11:00am-11:50am (EDU 2119) Amershek, K
Tu.....8:00am- 4:00pm (Arranged) LAB
0102 M.....11:00am-11:50am (EDU 2119) Amershek, K
Th.....8:00am- 4:00pm (Arranged) LAB
0201 Th.....3:00pm- 3:50pm (EDU 2102) Amershek, K
M.....8:00am- 4:00pm (Arranged) LAB
0202 Th.....3:00pm- 3:50pm (EDU 2102) Amershek, K
MW.....8:00am-12:00pm (Arranged) LAB
0203 Th.....3:00pm- 3:50pm (EDU 2102) Amershek, K
W.....8:00am- 4:00pm (Arranged) LAB
0401 Tu.....3:00pm- 4:00pm (Arranged) Amershek, K
Tu.....8:00am- 4:00pm (Arranged) LAB

EDCI288M Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 210 and recommendation of instructor. 1-3 credits
0101 Time and room to be arranged Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD. For elementary and pre-elementary education majors only. Not open to art education majors. 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) Jeffers, C
0201 Th.....1:00pm- 4:00pm (EDU 1315) Schaaf, C

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG. Prerequisite: EDCI 280. For early childhood majors only. Blocked with EDCI 315, 316, 317, and EDHD 419B. 3 credits
0101 M.....1:00pm- 4:00pm (EDU 1121) O'Flahavan, J
0201 M.....9:00am-12:00pm (EDU 1107) Samaras, A

EDCI315 The Young Child in the Social Environment; Grade Method: REG. Corequisites: EDCI 317; and EDCI 318. Blocked with EDCI 316; 317; 314; and EDHD 419B. Early childhood majors only. 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1107) Arends, R
Time and room to be arranged LAB
0201 Th.....1:00pm- 3:00pm (EDU 1107) STAFF
Time and room to be arranged LAB

EDCI316 The Teaching of Reading: Early Childhood; Grade Method: REG. Blocked with EDCI 315, 317, 314, and EDHD 419B. For early childhood majors only. 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1121) Gambrell, L
Time and room to be arranged LAB
0201 Th.....1:00pm- 3:00pm (EDU 0114) Saracho, O
Time and room to be arranged LAB

EDCI317 The Young Child and the Physical Environment; Grade Method: REG. Blocked with EDCI 315, 316, 314, and EDHD 419B. Early childhood majors only. 3 credits
0101 M.....9:00am-12:00pm (EDU 0202) Dierking, L
TBA (EDU 2212) LAB
0201 Th.....9:30am-12:30pm (EDU 2212) Carey, D
TBA (EDU 2212) LAB

EDCI322A Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342A, 352A, 362A and 372A. Elementary education majors only. 3 credits
0101 M.....10:00am-11:50am (EDU 2101) Weaver, V
Time and room to be arranged LAB

EDCI322B Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342B, 352B, 362B, 372B. Elementary education majors only. 3 credits
0101 TuTh.....8:30am- 9:20am (EDU 2121) Herman Jr., W
Time and room to be arranged LAB

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352A, 362A, 372A and 322A. Elementary education majors only. 3 credits
0101 W.....1:00pm- 2:50pm (EDU 1121) Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. 3 credits
0101 Tu.....1:00pm- 2:50pm (EDU 3236) O'Flahavan, J
Time and room to be arranged LAB

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. 3 credits
0101 M.....1:00pm- 2:50pm (EDU 2121) Johnson, M
Time and room to be arranged LAB

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342B, 362B, 372B, 322B. Elementary education majors only. 3 credits
0101 Th.....9:30am-11:20am (EDU 2121) Carey, D
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. 3 credits
0101 MW.....9:00am- 9:50am (EDU 1121) King, S
Time and room to be arranged LAB

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. 3 credits
0101 Th.....1:00pm- 2:50pm (EDU 1121) Wilson, R
Time and room to be arranged LAB

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. 3 credits
0101 W.....10:00am-12:00pm (EDU 2212) Eley Jr, G
Time and room to be arranged LAB

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. 3 credits
0101 Tu.....9:30am-11:20am (EDU 2212) Dierking, L
Time and room to be arranged LAB

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EDSP 480. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2203) Nichols, L
0201 MW.....8:30am- 9:45am (EDU 0114) Nichols, L

EDCI386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDCI 387.

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDCI 386. 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD. Pre- or corequisite: EDHD 300; or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (JRN 1105) STAFF
Time and room to be arranged LAB
0201 W.....4:15pm- 7:00pm (JMZ 2206) STAFF
Time and room to be arranged LAB

EDCI397 Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. For elementary education majors only. 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2119) Eley Jr, G
0201 TuTh.....9:30am-10:45am (EDU 2101) Jantz, R

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F. Prerequisite: EDCI 300. Limited to art education majors who have previously applied. 4-8 credits
0101 Time and room to be arranged STAFF

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F. Prerequisite: EDCI 300. 2-8 credits
0101 Time and room to be arranged STAFF

EDCI403 Teaching of Art Criticism in Public Schools; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD. For pre-art education and art education majors only. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI411 Student Teaching: Preschool; Grade Method: S-F. For EDCI majors only. 4 credits
0101 Time and room to be arranged Amershek, K

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F. For EDCI majors only. 4 credits
0101 Time and room to be arranged Amershek, K

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F. For EDCI majors only. 8 credits
0101 Time and room to be arranged Amershek, K

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F. Corequisite: EDCI 421 or EDCI 422. 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 2120) Farrell, R

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F. Prerequisite: EDCI 320. Corequisite: EDCI 420. 12 credits
0101 Time and room to be arranged Cirrincione, J

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 330. Corequisite: EDCI 431. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) Delorenzo, W

EDCI431 Student Teaching in Secondary Schools: Foreign Language; Grade Method: S-F. Prerequisite: EDCI 330. Corequisite: EDCI 430. 12 credits
0101 Time and room to be arranged Delorenzo, W

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 441. Meets Feb 7, March 7, April 4, May 2. 1 credit
0101 W.....4:15pm- 7:00pm (JRN 1104) McCaleb, J

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F. Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440. 6-12 credits
0101 Time and room to be arranged STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 440. 6-12 credits
0101 Time and room to be arranged STAFF

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD. For elementary education and pre-elementary education majors only. 3 credits
0101 TuTh.....9:30am-10:45am (EDU 0212) Heidelbach, R
0201 TuTh.....9:30am-10:45am (EDU 0202) Herman Jr., W

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD. Corequisite: EDCI 451. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2121) Fey, J

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F. Prerequisite: EDCI 350. 12 credits
0101 Time and room to be arranged Fey, J

EDCI457 Teaching Secondary Students with Difficulties in Learning Mathematics; Grade Method: REG. Corequisite: EDCI 390 or permission of department. 3 credits
0101 MW.....3:30pm- 4:45pm (EDU 2121) Johnson, M

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0118) Klinedinst, C
0201 M.....4:15pm- 7:00pm (EDU 1121) Menke, D

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 362 or EDCI 463. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) Koskinen, P
0201 W.....4:15pm- 7:00pm (ASY 3211) Afflerbach, P
Time and room to be arranged DIS

EDCI465 Language, Culture, and Education; Grade Method: REG/P-F. Prerequisite: LING 200 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Slater, W

EDCI466 Literature for Adolescents; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1315) McCaleb, J

EDCI467 Teaching Writing; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 0114) Horstman, F

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F. Prerequisite: EDCI 352. Concurrent enrollments in EDCI 488F and 489B. 12 credits
0101 Time and room to be arranged Holliday, W

EDCI480 The Child and the Curriculum: Elementary; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:00pm- 7:00pm (EDU 1203) STAFF

EDCI481 Student Teaching: Elementary; Grade Method: S-F. For EDCI majors only. Limited to elementary majors who have previously applied. 12 credits
0101 Time and room to be arranged Jantz, R

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F. For EDCI majors only. Limited to majors who have previously applied. Open to music education students enrolled in the Department of Curriculum and Instruction. 4-6 credits
0101 Time and room to be arranged Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F. For EDCI majors only. Limited to majors who have previously applied. 4-8 credits
0101 Time and room to be arranged Owens, L

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD. Concurrent enrollment in EDCI 471 and EDCI 489B are required. 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 2212) Lockard, J

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG. Must be concurrently enrolled in EDCI 471 and EDCI 488F required. 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 2212) Holliday, W

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F. For EDCI majors only. 12 credits
0101 Time and room to be arranged Owens, L

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F. For EDCI majors only. 2-8 credits
0101 Time and room to be arranged Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F. For EDCI majors only. 2-8 credits
0101 Time and room to be arranged Owens, L

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI602 The Teaching of Aesthetics in the Public Schools; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI612 Teaching Strategies in Early Childhood Education; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2234) Klein, E

EDCI613 Teacher-Parent Relationships; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (TWS 0135) Amershek, K

EDCI620 (PermReq) Trends in Secondary School Curriculum: Social Studies; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Farrell, R

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0212) STAFF

EDCI644 Issues and Trends in Children's Literature; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) Heidelbach, R

EDCI657 Diagnosis and Treatment of Secondary Students with Misconceptions of Mathematics; Grade Method: REG/AUD. Prerequisite: EDCI 450; and EDCI 451; or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) Graeber, A

EDCI661 Teaching Reading in the Content Areas; Grade Method: REG/AUD. Prerequisite: EDCI 362 or EDCI 463. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0114) Afflerbach, P

EDCI663 Issues in Reading Education - Elementary; Grade Method: REG/AUD. Prerequisite: EDCI 660. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0114) Dreher, J

EDCI665 Clinical Remediation of Reading Disabilities; Grade Method: REG/AUD. Prerequisites: EDCI 660; and [EDCI 663 or EDCI 667]. For reading majors only. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1121) Davey, H

EDCI667 Issues in Reading Education - Secondary; Grade Method: REG/AUD. Prerequisite: EDCI 660. 3 credits
0101 Time and room to be arranged Dreher, J

EDCI677 Computers in Science Education; Grade Method: REG/AUD. Prerequisite: EDCI 487 or equivalent. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2212) Layman, J

EDCI684 Introduction to Field Methods in School and Community; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Roderick, J

EDCI685 Research Methods; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) Saracho, O

EDCI696 Conducting Research on Teaching; Grade Method: REG. Prerequisite: permission of department. 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 0206) Arends, R

EDCI730 (PermReq) Theory and Research in Foreign Language/ESOL Education; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) Delorenzo, W

EDCI750 Theory and Research in Mathematics Education; Grade Method: REG/AUD. Prerequisite: EDCI 650. 3 credits
0101 Tu.....4:00pm- 7:00pm (EDU 2121) Graeber, A

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1121) Wilson, R

EDCI770 Foundations of Science Education; Grade Method: REG/AUD. Prerequisite: EDCI 670 or EDCI 671; or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) Holliday, W

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) Borko, H

EDCI788G (PermReq) Selected Topics in Teacher Education: Pro Seminar; Grade Method: REG. 1 credit
0101 Th.....4:15pm- 7:00pm (EDU 0206) Arends, R

EDCI788P Selected Topics in Teacher Education: Psycholinguistic Theory Base of Second Language Education; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (TWS 1202) Graham, J

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD. 1-3 credits
0101 F.....10:00am-12:00pm (EDU 2121) Graeber, A
Time and room to be arranged LAB

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD. Prerequisites: EDCI 685; and EDCI 780; and permission of department. 3 credits
0201 Tu.....4:15pm- 7:00pm (EDU 1204) Campbell, E

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDCP Education Counseling and Personnel Services (Education)

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD. 1 credit
0101 WF.....9:00am-10:00am (SHM 2101) Van Brunt, J

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD. 1 credit
0101 M.....1:00pm- 3:00pm (EDU 0202) Hess, S
0201 M.....2:00pm- 4:00pm (EDU 0114) Hess, S
0301 Tu.....12:30pm- 2:30pm (EDU 1203) Hess, S

0401 Tu.....2:00pm- 4:00pm (EDU 0114) Hess, S
0601 W.....2:00pm- 4:00pm (EDU 0202) Hess, S
0701 M.....1:00pm- 3:00pm (EDU 0206) Hess, S
0801 Tu.....12:30pm- 2:30pm (ARM 0101) Hess, S

EDCP108K College and Career Advancement: Concepts and Skills: Reading at the College Level; Grade Method: REG/P-F/AUD. — 1 credit
0101 MW.....9:00am- 9:50am (EDU 0212) STAFF

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note Taking; Grade Method: REG/P-F/AUD. — 1 credit
0101 MW.....9:00am- 9:50am (EDU 2119) STAFF

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. — 1 credit
0101 Meets 01/23/91 - 03/21/91
MW.....1:00pm- 2:00pm (EGR 3102) Shearn, E

EDCP108N College and Career Advancement: Concepts and Skills: Academic and Career Advancement: Minority Students; Grade Method: REG. — 1 credit
0101 M.....11:00am-12:00pm (HBK 0117) Fuertes, J
0201 W.....11:00am-12:00pm (HBK 0123) Smith, J
0301 F.....11:00am-12:00pm (HBK 0117) Davis, D
0401 Tu.....12:00pm- 1:00pm (HBK 0125) Zeigler, R
0501 Tu.....1:00pm- 2:00pm (HBK 0125) Jackson, J
0601 M.....11:00am-12:00pm (HBK 1116) Johnson, F
0701 M.....12:00pm- 1:00pm (HBK 1116) Mack, P

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 Th.....12:30pm- 2:30pm (EDU 0210) Goldberg, B
0201 W.....1:00pm- 3:00pm (EDU 0210) Greenfelg, B

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; Grade Method: REG/P-F/AUD. — 1 credit
0101 MW.....9:00am- 9:50am (EDU 3315) STAFF

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG. Minority peer counseling. Instructor permission required to add this course after first week of classes. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 0115) Cothran, M

EDCP386 (PermReq) Field Work; Grade Method: REG. Corequisite: EDCP 387. Restricted to students with learning contracts approved prior to Dec. 10, 1990. — 2 credits
0101 Time and room to be arranged Komives, S

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG. Corequisite: EDCP 386. Restricted to students with learning contracts approved prior to Dec. 10, 1990. — 1 credit
0101 Time and room to be arranged Komives, S

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Sections 0201 and 0301 recommended for residence halls students. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 0206) Cuyjet, M
0201 TuTh.....2:00pm- 3:15pm (EDU 0202) Cuyjet, M
0301 TuTh.....11:00am-12:15pm (EDU 0202) Cuyjet, M

EDCP470 (PermReq) Introduction to Student Personnel; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 0101 recommended for orientation advisors only; 0201, 0301, 0401, 0501, 0601 recommended for para-professionals in the residence halls. — 3 credits
0101 M.....3:30pm- 6:15pm (Arranged) Mielke, P
0201 M.....6:30pm- 9:15pm (Arranged) Mielke, P
0301 Tu.....2:00pm- 4:45pm (Arranged) Mielke, P
0401 W.....3:00pm- 5:45pm (Arranged) Mielke, P
0501 W.....6:00pm- 8:45pm (Arranged) Mielke, P
0601 TuTh.....3:30pm- 4:45pm (Arranged) Strumpf, G

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG. — 1-4 credits
0101 Time and room to be arranged Scales, W

EDCP498 Special Problems in Counseling and Personnel Services; Grade Method: REG/P-F/AUD. — 1-3 credits
0601 Time and room to be arranged McEwen, M
1801 Time and room to be arranged Power, P
1901 Time and room to be arranged Pumroy, D
2701 Time and room to be arranged Komives, S
4001 Time and room to be arranged Cuyjet, M
4101 Time and room to be arranged Gast, L
4201 Time and room to be arranged Hrutka, M

EDCP606 Counseling Adults in Transition; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) Schlossberg, N

EDCP611 Career Development Theory and Programs; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) Power, P

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) Greenberg, K

EDCP615 (PermReq) Counseling I: Appraisal; Grade Method: REG/AUD. Corequisite: EDCP 618. For EDCP majors only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2119) Strein, W
0201 Tu.....4:15pm- 7:00pm (EDU 2119) Hershenson, D

EDCP618 (PermReq) Counseling Skills: Introduction to Practicum; Grade Method: REG/AUD. Corequisite: EDCP 615. — 1 credit
0101 M.....7:00pm- 9:00pm (EDU 0212) LAB Hershenson, D

EDCP619S (PermReq) Practicum in Counseling: Schools; Grade Method: REG. Limited to school counseling. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1124) Colby, M
0201 W.....4:15pm- 7:00pm (TWS 2212) Colby, M
0301 Tu.....4:15pm- 7:00pm (ASY 3215) Greenberg, K

EDCP619U (PermReq) Practicum in Counseling; Grade Method: REG. Limited to CSPA majors only. — 3 credits
0101 Th.....10:00am- 1:00pm (Arranged) Lucas, M
0201 Tu.....1:00pm- 4:00pm (EDU 0210) Cook, D

EDCP627 (PermReq) Process Consultation; Grade Method: REG. Graduate course in group process required. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) Rosenfield, S

EDCP634 Diagnostic Appraisal of Children II; Grade Method: REG/AUD. Prerequisite: EDCP 633. Corequisite: EDCP 738. — 3 credits
0101 Th.....9:30am-12:15pm (EDU 3236) Teglasi-Golubco
Time and room to be arranged DIS

EDCP636 Therapeutic Techniques and Classroom Management II; Grade Method: REG/AUD. Prerequisite: EDCP 635. — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 3236) Pumroy, D

EDCP655 Organization and Administration of Personnel Services; Grade Method: REG/AUD. Prerequisite: EDCP 619 or permission of department. — 2 credits
0101 W.....4:15pm- 7:00pm (JMZ 1103) Komives, S

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG. — 2 credits
0101 Th.....4:15pm- 7:00pm (JMZ 2207) Greenberg, K

EDCP668 Special Topics in Rehabilitation: Placement in Rehabilitation; Grade Method: REG. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) Power, P

EDCP681 Counseling Adults in the Workplace; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2119) Power, P

EDCP726 Practicum in Individual Testing I; Grade Method: REG/AUD. Prerequisite: EDMS 622. — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 3233) Strein, W

EDCP738 (PermReq) Practicum in Child Assessment: Practicum in Assessment; Grade Method: REG/AUD. Corequisite: EDCP 634. — 3 credits
0101 Tu.....9:30am-12:30pm (EDU 3233) LAB Teglasi-Golubco

EDCP771 The College Student; Grade Method: REG/AUD. Limited to Master's CSPA students. — 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3219) McEwen, M

EDCP776 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG. Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 0206) Hoffman, M
Time and room to be arranged DIS
0201 Tu.....1:00pm- 4:00pm (JRN 1101) Birk, J

EDCP777 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG/AUD. Prerequisites: EDCP 776 and permission of department. Franklin Westbrook will also be teaching this course. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 2102) Fassinger, R

EDCP789I (PermReq) Advanced Topics in Counseling and Personnel Services: Professional Issues and Counseling Psychology; Grade Method: REG/AUD. Limited to counseling psychology majors. — 1-6 credits
0101 Time and room to be arranged Birk, J

EDCP789M (PermReq) Advanced Topics in Counseling and Personnel Services: Research Design in College Student Personnel; Grade Method: REG. Limited to doctoral CSP students or permission of instructor. — 3 credits
0101 M.....6:00pm- 9:00pm (EDU 1107) McEwen, M

EDCP789N (PermReq) Advanced Topics in Counseling and Personnel Services: Therapeutic Approaches for Children; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Pumroy, D

EDCP789S (PermReq) Advanced Topics in Counseling and Personnel Services: Supervision in Counseling; Grade Method: REG/AUD. — 3 credits
0101 W.....11:30am- 2:00pm (EDU 3233) Cook, D

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP888C (PermReq) Apprenticeship in Counseling and Personnel Services: Community Counseling Apprenticeship; Grade Method: REG. Prerequisite: an A or B in EDCP 619C. — 4 credits
0201 W.....12:00pm- 3:00pm (EDU 3236) Hoffman, M
Time and room to be arranged LAB

EDCP888U (PermReq) Apprenticeship in Counseling and Personnel Services: Practicum in Student Personnel Administration; Grade Method: REG. Restricted to 2nd year MA Students in CSPA. Prerequisite: EDCP 610U and EDCP 771. — 3 credits
0101 M.....3:00pm- 5:45pm (EDU 0210) Komives, S

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDHD Education, Human Development (Education)

EDHD230 Human Development and Societal Institutions; Grade Method: REG/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: EDHD 230 or EDHD 330. Formerly EDHD 330. — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 1315) Hamby, T
0201 MWF.....12:00pm-12:50pm (EDU 2102) Scott-Little, M

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD. Prerequisite: admission to teacher education program. Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0201 WF.....10:00am-12:00pm (EDU 3315) Bennett, S
M.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....9:00am-11:00am (EDU 3315) Green, H
W.....8:00am- 1:00pm (Arranged) LAB
0401 WF.....10:00am-12:00pm (EDU 1107) Eliot, J
M.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD. Prerequisite: admission to teacher education program. Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0601 MW.....9:00am-11:00am (EDU 3233) Hunt, E
Tu.....8:00am- 1:00pm (Arranged) LAB
0701 MF.....12:00pm- 2:00pm (EDU 3315) Gardner, A
W.....8:00am- 1:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD. USP Distributive Studies Area D Course. — 3 credits
0201 MWF.....12:00pm-12:50pm (EDU 2101) STAFF
0401 TuTh.....9:30am-10:45am (EDU 0206) STAFF

EDHD320 Human Development through the Lifespan; Grade Method: REG/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (EDU 0206) STAFF
0201 TuTh.....11:00am-12:15pm (EDU 3315) STAFF
0301 MWF.....10:00am-10:50am (EDU 0114) STAFF
0401 TuTh.....2:00pm- 3:15pm (EDU 4233) STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) Hamby, T

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDHD 387. — 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDHD 386. — 1-3 credits

EDHD411 Child Growth and Development; Grade Method: REG/AUD. — 3 credits
0201 MWF.....11:00am-11:50am (EDU 2102) Byrnes, J

EDHD413 Adolescent Development; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0201 Tu.....4:15pm- 7:00pm (EDU 3315) Green, H

EDHD419B Human Development and Learning in School Settings: Human Development and Learning; Grade Method: REG/AUD. Intended for students who enrolled in EDHD 419A in Fall 1989. For early childhood majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (EDU 4233) Eliot, J
W.....8:00am- 1:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 or EDHD 306 or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0103) Hamby, T
0201 TuTh.....2:00pm- 3:15pm (EDU 0212) Marcus, R
0501 TuTh.....11:00am-12:15pm (EDU 2119) Marcus, R

EDHD460 Educational Psychology; Grade Method: REG/AUD. Prerequisite: PSYC 100 or EDHD 306 or permission of department. — 3 credits
0101 MW.....3:00pm- 4:15pm (TWS 0138) Byrnes, J

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) Seefeldt, C

EDHD603 Integrative Bases of Behavior; Grade Method: REG/AUD. Prerequisites: EDHD 600 or equivalent; and EDHD 601; and EDHD 602. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) Wigfield, A

EDHD630 Cognitive Processes During Aging; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3315) Robertson-Tchab

EDHD701 Training the Parent Educator; Grade Method: REG/AUD. Recommended: course in child development. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0212) Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) Wentzel, K
0201 M.....1:00pm- 3:45pm (EDU 1315) Seefeldt, C

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG. Prerequisite: EDHD 721 or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0125) Pressley, M

EDHD741 Conflict Resolution in Divorce Settlement; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1101) Hunt, E

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD. Prerequisite: EDMS 651 or permission of department. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0125) Pressley, M

EDHD789 Internship in Human Development; Grade Method: REG/AUD. Contact instructor prior to registration. — 3-8 credits
1101 Time and room to be arranged Hardy, R
2101 Time and room to be arranged Flatter, C
2201 Time and room to be arranged Robertson-Tchab
2501 Time and room to be arranged Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD811 Physical Processes in Human Development II; Grade Method: REG/AUD. Prerequisite: EDHD 810 or permission of department. Limited to doctoral students. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3233) Porges, S

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 602 or permission of department. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3315) Wentzel, K

EDHD821 Socialization Processes in Human Development II; Grade Method: REG/AUD. Prerequisite: EDHD 820 or permission of department. Limited to doctoral students. — 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1103) Marcus, R

EDHD860 Synthesis of Human Development Concepts; Grade Method: REG/AUD. Prerequisites: EDHD 810; and EDHD 820; and EDHD 830. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3233) Tyler, B

EDHD878 (PermReq) Team Research in Human Development; Grade Method: REG/AUD. — 3 credits
0101 W.....1:00pm- 3:45pm (EDU 1315) LAB Porges, S
0201 Th.....4:15pm- 7:00pm (EDU 2102) LAB Robertson-Tchab
0301 Tu.....4:15pm- 7:00pm (EDU 2102) LAB Huebner, R

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDHD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-8 credits

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EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD. — 2 credits
0101 MW.....12:00pm-12:50pm (JMP 3104) Petrina, S
W.....1:00pm- 2:50pm (JMP 2229) LAB
0201 MW.....12:00pm-12:50pm (JMP 3104) Petrina, S
M.....1:00pm- 2:50pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD. — 3 credits
0201 MWF.....10:00am-11:50am (JMP 1202) Wolfe, S
MWF.....10:00am-11:50am (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG. — 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) Spear, M
0401 MTuWTh.....9:00am- 9:50am (JMP 2115) Spear, M

EDIT115 Intermediate Typewriting; Grade Method: REG. Prerequisite: minimum grade of C in EDIT 114 or permission of department. — 2 credits
0101 MTuWTh.....1:00pm- 1:50pm (JMP 2115) STAFF

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD. Prerequisite: EDIT 101. — 2 credits
0101 TuTh.....12:00pm-12:50pm (JMP 2229) Petrina, S
TuTh.....1:00pm- 1:50pm (JMP 2120) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD. — 3 credits
0201 MW.....6:00pm- 9:00pm (JMP 1109) Ceppaluni, V
MW.....6:00pm- 9:00pm (JMP 1109) LAB
0501 TuTh.....1:00pm- 4:00pm (JMP 2201) Ceppaluni, V
TuTh.....1:00pm- 4:00pm (JMP 2201) LAB

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD. Recommended for interior design, advertising design, pre-design, landscape design, and horticulture majors only. — 3 credits
0401 MW.....9:00am-12:00pm (JMP 2108) Chory, M
MW.....9:00am-12:00pm (JMP 2108) LAB
0801 TuTh.....6:00pm- 9:00pm (JMP 2108) STAFF
1001 TuTh.....6:00pm- 9:00pm (JMP 2108) LAB
TuTh.....11:00am- 2:00pm (JMP 2108) Andrew, K
1201 TuTh.....11:00am- 2:00pm (JMP 2108) LAB
TuTh.....8:00am-11:00am (JMP 2108) Andrew, K
1401 TuTh.....8:00am-11:00am (JMP 2108) LAB
MWF.....1:00pm- 3:00pm (JMP 2108) Blom, R
MWF.....1:00pm- 3:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 102 or equivalent. — 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1210) Wolfe, S
MW.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT210 Foundry; Grade Method: REG/P-F/AUD. Students must also register for same section of EDIT 223. — 1 credit
0101 Th.....6:00pm-10:00pm (JMP 1109) Pozonsky, C
Th.....6:00pm-10:00pm (JMP 1108) LAB
0301 TuTh.....1:00pm- 3:00pm (JMP 1109) Pozonsky, C
TuTh.....1:00pm- 3:00pm (JMP 1108) LAB

EDIT215 Survey of Office Machines; Grade Method: REG. 3 credits
0201 MWF.....10:00am-11:50am (JMP 2120) Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD. 1 credit
0101 Time and room to be arranged Pozonsky, C
0301 Time and room to be arranged Pozonsky, C

EDIT224 Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD. Student must see instructor during first week of classes. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 127 or equivalent. 3 credits
0101 TuTh.....6:00pm- 9:00pm (JMP 2201) Ceppaluni, V
TuTh.....6:00pm- 9:00pm (JMP 2201) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 2123) Ceppaluni, V
MW.....1:00pm- 4:00pm (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2202) Bell, T
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) Hadden, K
MWF.....10:00am-12:00pm (JMP 2222) LAB
0401 MW.....1:00pm- 4:00pm (JMP 2202) Hadden, K
MW.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 2 credits
0101 MW.....9:00am-11:00am (JMP 2229) Craven, H
MW.....9:00am-11:00am (JMP 2229) LAB
0201 MW.....3:00pm- 5:00pm (JMP 2229) Craven, H
MW.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 3 credits
0101 MW.....12:00pm- 3:00pm (JMP 1109) Pozonsky, C
MW.....12:00pm- 3:00pm (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG. Reserve one morning per week for visitations. 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3104) Peters, R
Time and room to be arranged LAB

EDIT273 Practicum in Ceramics; Grade Method: REG/P-F/AUD. 3 credits
0101 MF.....1:00pm- 4:00pm (JMP 2215) Schaaf, C

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 3201) Wolfe, S
TuTh.....9:00am-12:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT324 Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD. Student must see instructor during first week of classes. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT327 (PermReq) Electronic Semi-Conductor Applications; Grade Method: REG. Prerequisite: EDIT 127 or equivalent. 3 credits
0101 Time and room to be arranged Ceppaluni, V
Time and room to be arranged LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 234 or equivalent. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2202) Bell, T
TuTh.....9:00am-12:00pm (JMP 2222) LAB

EDIT340 Methods of Teaching Office Skills; Grade Method: REG. Meets only first eight weeks of semester. 3 credits
0101 TuTh.....1:00pm- 3:50pm (JMP 3105) Boyce, J

EDIT342 Curriculum, Instruction, and Observation: Home Economics Education; Grade Method: REG/P-F/AUD. Lab time will be arranged for Friday. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 3225A) Hultgren, F

EDIT344 Curriculum, Instruction, and Observation: Industrial Arts Education; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Martinez, R

EDIT350 Methods of Teaching: Trades and Industrial Education; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Martinez, R

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 262 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT362 Advanced Metal Machining Processes; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 262 or equivalent. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1109) Pozonsky, C
TuTh.....9:00am-12:00pm (JMP 1120) LAB

EDIT399 Trade Competence; Grade Method: REG/P-F/AUD. 1-20 credits
0101 Time and room to be arranged Stough, K

EDIT405 Business Communications; Grade Method: REG. 3 credits
0101 TuTh.....11:00am-12:30pm (JMP 3105) Boyce, J

EDIT406 Word Processing; Grade Method: REG. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 2120) STAFF
0201 TuTh.....9:30am-10:45am (JMP 2120) Boyce, J

EDIT416 Financial and Economic Education II; Grade Method: REG/AUD. 3 credits
0101 Meets 01/22/91 - 03/12/91 Hewitt, M
TuTh.....4:00pm- 7:00pm (JMP 3104)

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD. Recommended for junior or higher academic status. 3 credits
0101 Th.....7:00pm-10:00pm (JMP 1202) Martinez, R

EDIT432 Student Teaching: Business Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Peters, R

EDIT436 (PermReq) Analysis of Child Development Laboratory Practices; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 332 or EDHD 411. Save half day a.m. on Tuesday or Thursday. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225A) Gentzler, Y
Time and room to be arranged LAB

EDIT440 Industrial Hygiene; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....7:00pm-10:00pm (JMP 2202) Marsick, D

EDIT442 Student Teaching: Home Economics Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD. Must have at least 56 credits to register. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD. Must have at least 56 credits earned to register. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) Ashley, R
0201 W.....7:00pm-10:00pm (JMP 3201) Ashley, R

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) Beatty, C

EDIT455 Private Fire Protection Analysis II; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 448. 3 credits
0101 M.....7:00pm-10:00pm (JMP 3104) Henderson, D

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....7:00pm-10:00pm (JMP 2202) Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 3225) Herschbach, D

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD. Recommended for junior or higher academic status. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3201) STAFF

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMP 3104) Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3105) Erekson, T

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....9:00am- 9:50am (JMP 3201) Sullivan, D
0301 MWF.....11:00am-11:50am (JMP 3201) Mc Alister, B
0401 MWF.....12:00pm-12:50pm (JMP 3201) Mc Alister, B

EDIT477 Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 487 or CMSC 103 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 2120) Wang, D

EDIT482 Student Teaching: Trade and Industrial Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged STAFF

EDIT485 Field Experiences in Business Education; Grade Method: REG. 3 credits
0101 Time and room to be arranged Peters, R

EDIT488D Selected Topics in Education: Computer-Aided Drafting and Design; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101, EDIT 160 or equivalent. 3 credits
0101 MW.....8:00am-10:00am (JMP 2120) Petrina, S
MW.....8:00am-10:00am (JMP 2120) LAB
0102 MW.....7:00pm- 9:00pm (JMP 2120) Petrina, S
MW.....7:00pm- 9:00pm (JMP 2120) LAB

EDIT488L (PermReq) Selected Topics in Education: Strategies of Teaching Critical and Creative Thinking; Grade Method: REG/P-F/AUD. Contact instructor about location and permission to register. 3 credits
0101 Th.....4:15pm- 7:00pm (Arranged) Hultgren, F

EDIT488Q Selected Topics in Education: Life Cycle Engineering; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 2202) Paskowitz, S

EDIT491 (PermReq) Plastics Design and Equipment Selection; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 391 or permission of department. 3 credits
0101 Time and room to be arranged Wolfe, S

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. 3 credits
0101 TuTh.....1:00pm- 2:30pm (JMP 3104) Karza, L

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) Mietus, W

EDIT499R Workshops, Clinics, and Institutes: Work Experience, Trade Advancement; Grade Method: REG/P-F/AUD. 1-6 credits
0101 Time and room to be arranged STAFF

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) Mietus, W

EDIT641 Content and Method of Industrial Arts; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) Maley, D

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) Mietus, W

EDIT676 Planning and Policy Issues in Vocational and Technical Education; Grade Method: REG/AUD. Prerequisite: EDIT 471 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) Herschbach, D

EDIT742 Theory and Research in Business Education; Grade Method: REG/AUD. 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Peters, R

EDIT788L (PermReq) Selected Topics in Education: Strategies of Teaching Critical and Creative Thinking; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (Arranged) Hultgren, F

EDIT788R Selected Topics in Education: Education Project Planning in Developing Countries; Grade Method: REG/AUD. Dennis Herschbach will also be teaching this course. 3 credits
0101 Th.....7:00pm- 9:45pm (JMP 3201) Hopkins, R

EDIT788Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD. Vincent Ceppaluni will also be teaching this course. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 2120) Wang, D

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT826 Seminar in Home Economics Education; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 2202) Gentzler, Y

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/AUD. Junior standing. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EDU 0212) Schafer, W
0102 MW.....3:30pm- 4:45pm (EDU 1107) Bandalos, D
0103 TuTh.....5:00pm- 6:15pm (ARC 1105) Schafer, W

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Junior standing. Limited to students with cumulative credits of 60. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirement. 3 credits
0301 TuTh.....2:00pm- 3:15pm (EDU 3315) Moulin-Julian,
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) Moulin-Julian,

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (ASY 3219) DeAyala, R
0102 TuTh.....7:00pm- 8:15pm (EDU 4233) Macready, G

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD. Prerequisite: EDMS 645. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EDU 4233) Macready, G
0102 TuTh.....7:00pm- 8:15pm (EDU 0202) Johnson, C

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD. Prerequisite: EDMS 646 or equivalent. EDMS majors must take one credit of EDMS 779 concurrently. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EDU 0212) Johnson, C

EDMS653 Correlation and Regression Analysis; Grade Method: REG/AUD. Prerequisite: EDMS 651. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) Dayton, C

EDMS769F Special Topics in Applied Statistics in Education: Meta Analysis; Grade Method: REG/AUD. 3 credits
0201 W.....4:15pm- 7:00pm (TWS 1204) Schafer, W

EDMS769K Special Topics in Applied Statistics in Education: Structural Equation Modeling; Grade Method: REG/AUD. Students will use LISREL, LISCOMP and EQS programs. 3 credits
0201 Th.....4:15pm- 7:00pm (EDU 0210) Benson, J

EDMS771 Design of Experiments; Grade Method: REG/AUD. Prerequisite: EDMS 646. EDMS majors must take one credit of EDMS 779 concurrently. 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 4233) Dayton, C

EDMS779 (PermReq) Seminar in Applied Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. EDMS majors must take one credit concurrently with EDMS 651 and EDMS 771. 1-3 credits

EDMS798 Special Problems in Education; Grade Method: REG/AUD. Individual Instruction cdurse: contact department or instructor to obtain section number. 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDPA Education Policy, Planning and Administration (Education)

EDPA210 Historical and Philosophical Perspectives on Education; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2101) Noll, J

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2101) Male, G
0201 TuTh.....9:30am-10:45am (EDU 0114) Lindsay, R
0301 TuTh.....11:00am-12:15pm (EDU 0114) Huden, D
0401 Tu.....4:15pm- 7:00pm (EDU 0114) Agre, G
0501 W.....7:00pm- 9:45pm (EDU 2101) Agre, G
0601 Th.....4:15pm- 7:00pm (JMZ 0118) Splaine, J

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDPA 387. 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: EDPA 386. 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) Lindsay, R

EDPA489 Field Experiences in Education; Grade Method: S-F. Contact instructor prior to registration. 1-4 credits
0101 Time and room to be arranged LAB Dudley, J
0201 Time and room to be arranged LAB Selden, S
0301 Time and room to be arranged LAB Splaine, J
0401 Time and room to be arranged LAB Hopkins, R

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA612 Philosophy of Education; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3233) Noll, J

EDPA622 Education Policy, Values, and Social Change; Grade Method: REG/AUD. Prerequisite: EDPA 620. 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1104) Huden, D

EDPA634 The School Curriculum; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) Selden, S

EDPA636 Communication and the School Curriculum; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Berman, L

EDPA660 Administrative Foundations; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2101) Goldman, H

EDPA665 The Organization and Administration of Secondary Schools; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) Goldman, H

EDPA667 Public School Supervision; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (TWS 2230) Dudley, J

EDPA679 Master's Seminar: Seminar In Educational Administration and Supervision; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2119) Leak, L

EDPA700 Qualitative Research Methods in Education; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1203) Hopkins, R

EDPA738 Scholarly Thought and Contemporary Curriculum; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) Berman, L

EDPA751 Law and Equity in Education; Grade Method: REG/AUD. Prerequisite: EDPA 651 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) Clague, M

EDPA752 State Systems of Higher Education; Grade Method: REG/AUD. Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. 3 credits
0101 M.....4:15pm- 7:00pm (TWS 1204) Berdahl, R

EDPA754 Higher Education Finance; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) Schmidtlein, F

EDPA755 Federal Policies in Post-Secondary Education; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) Berdahl, R

EDPA757 College Teaching; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) Selden, S

EDPA788B Special Topics in Education Policy and Administration: Leadership in Higher Education; Grade Method: REG/AUD. 3 credits

0101 Tu.....4:15pm- 7:00pm (CSS 2330) Birnbaum, R

EDPA788C Special Topics in Education Policy and Administration: Personnel Administration in Higher Education; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (CSS 0201) Chait, R

EDPA788M Special Topics in Education Policy and Administration: Professional Seminar in Education Policy; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2102) Splaine, J

EDPA788R Special Topics in Education Policy and Administration: Education Project Planning in Developing Countries; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (JMP 3201) Hopkins, R

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA805 Seminar in Comparative Education; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) Male, G

EDPA850 Seminar in Problems of Higher Education; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 7:00pm (CSS 2330) Birnbaum, R

EDPA861 Seminar: Research in School Effectiveness; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) Stephens, E

EDPA888 Apprenticeship in Education; Grade Method: REG/AUD. Class meets every other Tuesday from 5PM-7PM. 1 credit
0101 TBA (EDU 3236) Finkelstein, B

EDPA889 Internship in Education; Grade Method: S-F. Consent of advisor; recommended that school administration/supervision majors register for section 0101; curriculum theory, 0201; higher/adult education, 0301; social foundations, 0401. 3-8 credits
0101 Time and room to be arranged LAB Dudley, J
0201 Time and room to be arranged LAB Clague, M
0301 Time and room to be arranged LAB Selden, S
0401 Time and room to be arranged LAB Splaine, J
0501 Time and room to be arranged Hopkins, R

EDPA895 Research Critique Seminar; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1203) Finkelstein, B
0201 W.....4:15pm- 7:00pm (EDU 3236) Schmidtlein, F

EDPA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD. 3 credits
0101 MW.....1:00pm- 2:30pm (EDU 0212) Anderson, M

EDSP330 Families and the Education of Handicapped Children; Grade Method: REG/P-F/AUD. Prerequisite: EDSP 321. Corequisites: [EDSP 405; and EDSP 424; and EDSP 445 or EDSP 463] or permission of department. For EDSP majors only. Pre-special education, special education, and special education graduate students only. 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 2119) Harry, E

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; Grade Method: REG/AUD. Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 332; and EDSP 333; and EDSP 443. For EDSP majors only. 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 1203) Leone, P
0201 MW.....1:15pm- 2:45pm (EDU 2203) Cooper, D

EDSP332 Interdisciplinary Communication in Special Education; Grade Method: REG/AUD. Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 331; and EDSP 333; and EDSP 443. For EDSP majors only. 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2119) Crowley, A

EDSP333 Field Placement in Special Education II; Grade Method: REG/AUD. Prerequisite: EDSP 322. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 443. For EDSP majors only. Students must reserve two half days (8-1) for this experience. 3 credits
0101 F.....10:00am-12:00pm (EDU 0212) Crowley, A
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:00am-12:00pm (EDU 0212) Crowley, A
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP376 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....4:15pm- 5:30pm (EDU 1107) Aiello, E

EDSP403 Physical and Communication Adaptations for Students with Severe Handicaps; Grade Method: REG/AUD. Prerequisites: [EDSP 400; and EDSP 404] or permission of department. Corequisites: [EDSP 330; and EDSP 405; and EDSP 410] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) Kohl, F

EDSP405 Field Placement: Severely Handicapped II; Grade Method: REG/AUD. Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department. Students must reserve three half-days (8-1) for this experience. Undergraduate students only. 4 credits
0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP405A Field Placement: Severely Handicapped II; Grade Method: REG/AUD. Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department. Open to special education graduate students only. 2-5 credits
0101 Time and room to be arranged Moon, S
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Egel, A

EDSP410 Community Functioning Skills for Students with Severe Handicaps; Grade Method: REG/AUD. Prerequisites: [EDSP 400; and EDSP 404] or permission of department. Corequisites: EDSP 330; and EDSP 403; and EDSP 405. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2101) Moon, S

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 M.....4:00pm- 6:00pm (EDU 0114) Crowley, A
Time and room to be arranged LAB

EDSP418 Seminar: Issues and Research Related to the Instruction of Severely Handicapped Students; Grade Method: REG/AUD. Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Egel, A

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); Grade Method: REG/AUD. Prerequisites: EDSP 410; and EDSP 420 or permission of department. Corequisites: EDSP 330; and EDSP 424. Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Pre-special education, special education, and special education graduate students only. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) Lieber, J

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD. Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 350; and EDSP 422. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. 4 credits
0101 F.....9:30am-11:00am (EDU 1203) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD. Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 350; and EDSP 422. Special education graduate students only. 2-4 credits
0101 Time and room to be arranged Beckman, P
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Lieber, J
0401 Time and room to be arranged Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 MTu.....4:00pm- 6:00pm (COL 0102) Crowley, A
Time and room to be arranged LAB

EDSP438 Seminar: Special Issues in Early Childhood Special Education; Grade Method: REG/AUD. Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Egel, A

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; Grade Method: REG/AUD. Prerequisites: [EDSP 441; and EDCI 456] or permission of department. Pre- or corequisites: EDSP 330; and EDSP 445; and EDHD 413. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Pre-special education, special education, and graduate students only. 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 3233) Harris, K

EDSP443 Assessment and Instructional Design for the Handicapped: Reading and Written Communication Disorders; Grade Method: REG/AUD. Prerequisites: [EDSP 320; and EDSP 321] or permission of department. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 333. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405 or 424 or 445 or 463. Pre-special education, special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1; EC and SH students, Section 2. 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0212) Graham, S
0201 MW.....2:45pm- 4:15pm (EDU 3315) Lieber, J

EDSP445 Field Placement: Educationally Handicapped II; Grade Method: REG/AUD. Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443; and EDHD 413. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. 4 credits
0101 F.....9:00am-10:30am (EDU 2101) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP445A Field Placement: Educationally Handicapped II; Grade Method: REG/AUD. Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443; and EDHD 413. Special education graduate students only. 2-4 credits
0101 Time and room to be arranged Graham, S
0201 Time and room to be arranged Leone, P
0301 Time and room to be arranged Speece, D
0401 Time and room to be arranged Harris, K
0501 Time and room to be arranged Cooper, D
0601 Time and room to be arranged Simms, B
0701 Time and room to be arranged Hebeler, J
0801 Time and room to be arranged Anderson, M

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F. For EDSP majors only. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 MTu.....4:00pm- 6:00pm (ASY 3211) Crowley, A
Time and room to be arranged LAB

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; Grade Method: REG/AUD. Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Egel, A

EDSP462 Vocational Assessment and Instruction in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 460 or permission of department. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 463. Restricted to special education graduate students and pre-special education and special education majors. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Neubert, D

EDSP463 Field Placement: Career/Vocational II; Grade Method: REG/AUD. Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. 3 credits
0101 F.....10:30am-12:00pm (EDU 0210) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP463A Field Placement: Career/Vocational II; Grade Method: REG/AUD. Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462. Open to special education graduate students only. 3 credits
0101 Time and room to be arranged Neubert, D

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 M.....4:00pm- 6:00pm (EDU 0206) Crowley, A
Time and room to be arranged LAB

EDSP468 Special Topics Seminar in Career/Vocational Education For the Handicapped; Grade Method: REG/AUD. Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Egel, A

EDSP470 Introduction to Special Education; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) Hebeler, J
0201 Th.....7:00pm- 9:45pm (EDU 2119) STAFF

EDSP476 Communicating with Sign Language; Grade Method: REG/P-F/AUD. Prerequisite: EDSP 376 or permission of department. 3 credits
0101 TuTh.....5:45pm- 7:00pm (EDU 1107) Aiello, E

EDSP481 Characteristics of Exceptional Children: Gifted and Talented; Grade Method: REG/AUD. Prerequisite: EDSP 470 or equivalent. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1315) STAFF

EDSP489 Field Experiences in Special Education; Grade Method: REG/P-F/AUD. 1-4 credits
0101 Time and room to be arranged Crowley, A

EDSP492 Education of Learning Disabled Students; Grade Method: REG/P-F/AUD. Prerequisite: EDSP 491 or permission of department. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1107) Hebeler, J

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advisement; Grade Method: REG/P-F/AUD. Limited to special education and pre-special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (EDU 1315) Angeletti, K

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD. Prerequisite: 9 hours in special education and permission of department. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) Moon, S

EDSP605 The Exceptional Child and Society; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1203) Harry, E

EDSP620 Educational Diagnosis and Planning For Learning Disabled Students; Grade Method: REG/AUD. Prerequisites: [EDSP 491; and EDSP 615] or permission of department. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2203) Speece, D

EDSP621 Social and Academic Skill Development for Behaviorally Disordered Students; Grade Method: REG/AUD. Prerequisites: [EDSP 600; and EDSP 601] or permission of department. 3 credits
0101 M.....4:15pm- 7:00pm (JRN 1103) Anderson, M

EDSP635 Seminar: Behavioral Disorders; Grade Method: REG/AUD. Prerequisites: [EDSP 601; and EDSP 621] or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3233) Leone, P

EDSP640 Seminar: Learning Disabilities; Grade Method: REG/AUD. Prerequisites: [EDSP 492; and EDSP 600; and EDSP 615] or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) Harris, K

EDSP650 Seminar in Early Childhood Special Education; Grade Method: REG/AUD. Prerequisite: 9 hours in Special Education including EDSP 600 and EDSP 420, or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) Cooper, D

EDSP651 Program Planning and Instruction for Handicapped Infants and Children; Grade Method: REG/AUD. Pre- or corequisite: EDSP 430 or equivalent. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) Beckman, P

EDSP655 Seminar in Secondary and Transition Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0118) Neubert, D

EDSP665 Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) Beckman, P

EDSP678D Seminar in Special Education: Single Subject Research Design with the Handicapped; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1315) Egel, A

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

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EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experiences in College Teaching; Grade Method: REG. Course restricted to students approved as Undergraduate Teaching Assistants. 3 credits
0101 M.....4:00pm- 6:00pm (ASY 3219) DIS Greenberg, J

EDUC388H (PermReq) Special Topics in Education: Honors Synthesis Seminar II; Grade Method: REG. Seminar restricted to students admitted to the College of Education Honors Program. 2 credits
0101 Time and room to be arranged STAFF

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. 2 credits
0101 Meets 01/22/91 - 04/05/91 Hunt, B
MWF.....8:00am- 8:50am (ARM 0112)

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 201. 2 credits
0101 Meets 01/22/91 - 04/05/91 Yanta, W
MWF.....4:00pm- 4:50pm (EGR 1104)
0201 Meets 01/22/91 - 04/05/91 Barlow, J
MWF.....9:00am- 9:50am (EGR 1124)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 263; Pre- or corequisites: ENAE 345; and ENAE 451; and ENAE 371. 3 credits
0101 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 221; and MATH 246. 3 credits
0101 TuTh.....8:00am- 9:15am (CHE 2108) Russell, H

ENAE355 Aircraft Vibrations; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 345 or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (CHM 0115) Donaldson, B

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 202; and PHYS 262; and MATH 241. Corequisite: MATH 246. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3108) Korkegi, R
0201 TuTh.....11:00am-12:15pm (CHE 2140) STAFF

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F. 3 credits

0101 Time and room to be arranged — STAFF

ENAE402 Aerospace Laboratory III; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 305; and ENAE 345. Corequisites: ENAE 452; and ENAE 471; and ENAE 475. — 1 credit
0101 M.....8:00am- 8:50am (CHE 2108) — Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 M.....8:00am- 8:50am (CHE 2108) — Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 M.....8:00am- 8:50am (CHE 2108) — Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 M.....8:00am- 8:50am (CHE 2108) — Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 M.....8:00am- 8:50am (CHE 2108) — Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 451; and ENAE 371. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) — Obrinski, F

ENAE412 Design of Aerospace Vehicles; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 371. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0108) — Akin, D

ENAE415 Computer-Aided Structural Design Analysis; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 452 or permission of both department and instructor. — 3 credits
0101 M.....4:30pm- 7:00pm (CHM 0119) — Chander, S

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. — 4 credits
0101 MWF.....9:00am- 9:50am (EGR 3106) — Donaldson, B
M.....2:00pm- 5:00pm (CHM 0115) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 451. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0124) — Vizzini, T

ENAE462 Flight Propulsion II; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 461. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0110) — Lewis, M

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENME 217. — 3 credits
0101 TuTh.....8:00am- 9:15am (ITV 1100) — Anderson, J

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 471 or equivalent. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3111) — Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENAE 471; and ENME 217. — 3 credits
0101 MWF.....10:00am-10:50am (CHE 2110) — Jones, E

ENAE488J Topics in Aerospace Engineering: Helicopter Theory I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) — Leishman, G

ENAE488W (PermReq) Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (EGR 2112) — Winkelmann, A

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAE632 Helicopter Aerodynamics II; Grade Method: REG/AUD. Prerequisites: [ENAE 631; and ENAE 371 or equivalent] or permission of both department and instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) — Leishman, G

ENAE633 Helicopter Dynamics; Grade Method: REG/AUD. Prerequisite: ENAE 631 or permission of both department and instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1110) — Chopra, I

ENAE634 Helicopter Design; Grade Method: REG/AUD. Prerequisite: ENAE 631 or permission of both department and instructor. — 3 credits
0101 MW.....9:00am-10:15am (EGR 3102) — STAFF

ENAE635 Helicopter Stability and Control; Grade Method: REG/AUD. Prerequisite: [ENAE 631 and ENAE 642,] or permission of department. — 3 credits
0101 MW.....10:30am-11:45am (EGR 2102) — Celi, R

ENAE652 Finite Element Method in Engineering; Grade Method: REG/AUD. Prerequisite: ENAE 650 or permission of both department and instructor. — 3 credits
0101 MW.....9:00am-10:15am (EGR 1102) — Lee, S

ENAE672 Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD. Prerequisite: MATH 463 or permission of instructor. — 3 credits
0101 TuTh.....4:00pm- 5:15pm (EGR 1110) — Chien, K

ENAE674 Aerodynamics of Compressible Fluids II; Grade Method: REG/AUD. Prerequisite: ENAE 673. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1124) — Vamos, J

ENAE676 Aerodynamics of Viscous Fluids II; Grade Method: REG/AUD. Prerequisite: ENAE 675. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1110) — Jones, E

ENAE683 High Temperature Gas Dynamics; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ITV 1111) — Anderson, J

ENAE685 Computational Fluid Dynamics II; Grade Method: REG/AUD. Prerequisite: ENAE 684 or permission of department. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2112) — Lekoudis, S

ENAE757 Advanced Structural Dynamics; Grade Method: REG/AUD. Prerequisite: ENAE 655 or equivalent. — 3 credits
0101 WF.....1:30pm- 3:00pm (HZF 1101) — Donaldson, B

ENAE788P Selected Topics in Aerospace Engineering: Computational Plasticity; Grade Method: REG/AUD. — 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 1124) — Lee, S

ENAE788T Selected Topics in Aerospace Engineering: Advanced Topics in Composite Materials; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (CHE 2118) — Vizzini, T

ENAE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENAG Engineering Agricultural (Agriculture)

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F/AUD. — 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) — Grant, L
M.....2:00pm- 5:00pm (SHR 0108) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....8:00am- 9:15am (HJP 0226) — Liljedahl, L

ENAG424 Functional and Environmental Design of Agricultural Structures; Grade Method: REG/P-F/AUD. Prerequisite: ENAG 454. — 3 credits
0101 MW.....1:00pm- 1:50pm (SHR 1105) — Stewart, L
F.....1:00pm- 3:00pm (SHR 1105) LAB

ENAG435 Aquacultural Engineering; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (SHR 0106) — Wheaton, F

ENAG444 Functional Design of Machinery and Equipment; Grade Method: REG/P-F/AUD. Prerequisite: ENES 221. Senior standing. — 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) — Smith, G
W.....2:00pm- 4:00pm (SHR 1105) LAB

ENAG454 Biological Process Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENME 342 or ENCE 330. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (SHR 1105) — Johnson, A
Th.....3:30pm- 4:20pm (SHR 1105) LAB

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG489A (PermReq) Special Problems in Agricultural Engineering: Shop Laboratory Safety; Grade Method: REG/P-F/AUD. — 1 credit
0101 TBA (SHR 0108) — Grant, L

ENAG489B (PermReq) Special Problems in Agricultural Engineering: Creative Design with CAD/CAM; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:30am (SHR 1109) — Smith, G
Th.....3:00pm- 6:00pm (SHR 1109) LAB

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG631 Land and Water Resource Development Engineering; Grade Method: REG/AUD. Prerequisite: ENAG 422 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (SHR 1105) — Shirmohammadi,

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAG688N Advanced Topics in Agricultural Engineering: Aquatic System Design: Water Quality Maintenance; Grade Method: REG/AUD. ENAG 688N is a one credit course for graduate students. The one credit course will be taught on Tuesday and Thursday from 1/22 until 2/26 only. — 1 credit
0101 Meets 01/22/91 - 02/26/91 — Wheaton, F
TuTh.....11:00am-12:15pm (SHR 0106)

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Technique for Teaching Agricultural Engineering; Grade Method: REG/AUD. — 1 credit
0101 TBA (SHR 1112) — Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD. — 1 credit
0101 W.....4:00pm- 4:50pm (SHR 0106) — Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG701 Bioengineering Analysis of Human Physiological Response; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (SHR 1105) — Johnson, A

ENAG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENCE Engineering, Civil (Engineering)

ENCE201 (PermReq) Computational Methods in Civil Engineering I; Grade Method: REG. Corequisite: MATH 241; and ENES 220. Formerly ENCE 360. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1104) — STAFF
0201 TuTh.....8:00am- 9:15am (EGR 0110) — STAFF

ENCE255 (PermReq) Elementary Structural Analysis; Grade Method: REG. Prerequisite: ENES 220. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) — STAFF
0201 TuTh.....9:30am-10:45am (CHM 0128) — STAFF

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD. Pre- or corequisite: ENES 220. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 1104) — STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 1104) — STAFF
W.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 TuTh.....1:00pm- 1:50pm (EGR 1104) — STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE301 (PermReq) Computational Methods in Civil Engineering II; Grade Method: REG. Prerequisites: MATH 246; and ENCE 201. Junior standing. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1126) — STAFF
0201 TuTh.....8:00am- 9:15am (EGR 1106) — STAFF

ENCE315 (PermReq) Introduction to Environmental Engineering; Grade Method: REG. Prerequisites: CHEM 103; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221. — 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 0110) — STAFF

ENCE320 (PermReq) Construction Englineering and Management; Grade Method: REG/AUD. Corequisite: ENCE 321 or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1104) — STAFF

ENCE321 (PermReq) Engineering Survey Measurements; Grade Method: REG/AUD. Corequisites: MATH 141; and ENCE 320. Formerly ENCE 280. — 1 credit
0101 M.....2:00pm- 5:00pm (EGR 1108) LAB — STAFF

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and PHYS 262. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 1108) — STAFF
0201 MWF.....10:00am-10:50am (EGR 1106) — STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. Corequisite: ENCE 300. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) — STAFF

ENCE355 (PermReq) Elementary Structural Design; Grade Method: REG/AUD. Prerequisites: ENCE 255; and ENCE 300. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1108) — STAFF
0201 TuTh.....11:00am-12:15pm (EGR 3106) — STAFF

ENCE370 (PermReq) Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 280. — 3 credits
0201 MWF.....11:00am-11:50am (EGR 0110) — STAFF

ENCE410 (PermReq) Advanced Strength of Materials; Grade Method: REG/AUD. Prerequisites: ENCE 350; and MATH 246. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3108) — Garber Jr., D

ENCE424 (PermReq) Operations Analysis for Construction; Grade Method: REG/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0127) — STAFF

ENCE430 (PermReq) Flow in Open Channels and Conveyance Structures; Grade Method: REG/AUD. Prerequisite: ENCE 330. — 4 credits
0101 MWF.....11:00am-11:50am (EGR 2107) — Ragan, R
W.....2:00pm- 5:00pm (CHM 0119) LAB

ENCE431 (PermReq) Surface Water Hydrology; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 330. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2107) — McCuen, R

ENCE436 (PermReq) Drinking Water Treatment; Grade Method: REG. Prerequisite: ENCE 315. Formerly ENCE 434. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1106) — Davis, A

ENCE440 (PermReq) Engineering Soil Tests; Grade Method: REG. Prerequisite: ENCE 340. — 4 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1106) — Goodings, D
TuTh.....2:00pm- 4:30pm (EGR 3102) LAB
0102 TuTh.....12:30pm- 1:45pm (EGR 1106) — Goodings, D
MW.....2:00pm- 4:30pm (EGR 1106) LAB

ENCE442 (PermReq) Highway and Airfield Pavement Design; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 340. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1120) — Rada, G

ENCE454 (PermReq) Design of Concrete Structures; Grade Method: REG/AUD. Prerequisites: ENCE 255; and ENCE 355. Formerly ENCE 451. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0104) — STAFF

ENCE462 (PermReq) Systems Analysis for Civil Engineers; Grade Method: REG/AUD. Prerequisite: ENCE 201. — 3 credits
0101 MWF.....11:00am-11:50am (EGR 0108) — STAFF

ENCE463 (PermReq) Economic Analysis for Civil Engineers; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 0135) — STAFF

ENCE466 (PermReq) Design of Civil Engineering Systems; Grade Method: REG. For graduating seniors only. For ENCE majors only. — 3 credits
0101 M.....1:00pm- 1:50pm (EGR 1106) — STAFF
F.....1:00pm- 4:00pm (EGR 3110) LAB
W.....1:00pm- 1:50pm (EGR 3108) DIS

ENCE473 (PermReq) Air and Water Transportation Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 370. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 2154) — Carter, E

ENCE474 (PermReq) Railroad Mass Transportation Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 370. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1104) — Schonfeld, P

ENCE489 (PermReq) Special Problems in Civil Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENCE489N (PermReq) Special Problems in Civil Engineering: Artificial Intelligence Applications; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2112) — Kartam, N

ENCE633 The Chemistry of Natural Waters; Grade Method: REG/AUD. Prerequisite: ENCE 433 or permission of both department and instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) — Birkner, F

ENCE641 Advanced Foundations; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0104) — Aggour, M

ENCE644 Engineering Soil Problems of North America; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent. — 3 credits
0101 Tu.....5:00pm- 8:00pm (PHY 4208) — Rib, H

ENCE651 Matrix Methods of Structural Analysis; Grade Method: REG/AUD. — 3 credits
0101 MW.....1:30pm- 2:45pm (EGR 3110) — Wolde-Tinsae, A

ENCE652 Analysis of Plate and Shell Structures; Grade Method: REG/AUD. Prerequisites: ENCE 410; and ENCE 381 or equivalent. — 3 credits
0101 MW.....3:00pm- 4:15pm (EGR 1120) — Chang, P

ENCE660 Engineering Analysis; Grade Method: REG/AUD. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1120) — Schelling, D

ENCE666 Cost Engineering and Control; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1120) — STAFF

ENCE667 Construction Operations and Improvement; Grade Method: REG/AUD. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1106) — Kartam, N

ENCE671 Highway Traffic Operations; Grade Method: REG/AUD. Prerequisites: [ENCE 470; and ENCE 670] or permission of both department and instructor. — 3 credits
0101 M.....5:00pm- 8:00pm (EGR 3110) — Carter, E

ENCE672 Regional Transportation Planning; Grade Method: REG/AUD. Prerequisite: ENCE 471 or permission of both department and instructor. — 3 credits
0101 W.....5:00pm- 8:00pm (EGR 2154) — Schonfeld, P

ENCE681 Freight Transportation Analysis; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0108) — STAFF

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCE688B Advanced Topics in Civil Engineering: Advanced Soil Mechanics II; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3110) — STAFF

ENCE688C Advanced Topics in Civil Engineering: Traffic Control Theory; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 8:00pm (EGR 1102) — Chang, G

ENCE688P Advanced Topics in Civil Engineering: Forensic Engineering; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1120) — Vannoy, D

ENCE688Q Advanced Topics in Civil Engineering: Construction Engineering; Grade Method: REG/AUD. — 1-3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3102) — STAFF

ENCE688U Advanced Topics in Civil Engineering: Management of Hazardous Wastes; Grade Method: REG/AUD. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1120) — Sternberg, Y

ENCE688Y Advanced Topics in Civil Engineering: Environmental Engineering Laboratory; Grade Method: REG/AUD. — 3 credits
0101 F.....2:00pm- 7:00pm (Arranged) — Hao, O

ENCE689 Seminar; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCE689C Seminar: Construction Engineering and Management Seminar; Grade Method: REG/AUD. — 1 credit
0101 Tu.....6:30pm- 8:30pm (EGR 3106) — Kartam, N

ENCE730 Environmental and Water Resource Systems II; Grade Method: REG/AUD. Prerequisite: ENCE 630 or permission of both department and instructor. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1126) — McCuen, R

ENCE736 Theory of Aqueous and Solid Waste Treatment and Disposal; Grade Method: REG/AUD. Prerequisites: ENCE 221 and fundamentals of microbiology; or permission of both department and instructor. — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 2154) — Hao, O

ENCE737 Industrial Wastes; Grade Method: REG. Corequisite: ENCE 736 or equivalent. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1124) — Davis, A

ENCE754 Prestressed Concrete Structures; Grade Method: REG/AUD. Prerequisites: ENCE 450; and ENCE 451 or equivalent. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2154) — Ayyub, B

ENCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade — 1-8 credits

Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH Engineering, Chemical (Engineering)

ENCH280 Transport Processes I: Fluid Mechanics; 2 credits
(PermReq) Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 246.
0101 MWF.....9:00am- 9:50am (CHE 2110) Calabrese, R

ENCH300 Chemical Process Thermodynamics; Grade 3 credits
(PermReq) Method: REG. Prerequisites: CHEM 203; and ENCH 215; and MATH 241.
0101 MW.....3:00pm- 4:15pm (CHE 2136) STAFF

ENCH333 Chemical Engineering Seminar; Grade 1 credit
(PermReq) Method: REG/P-F/AUD. Senior standing.
0101 W.....10:00am-10:50am (CHE 2136) Calabrese, R

ENCH427 Transport Processes III: Mass Transfer; 3 credits
(PermReq) Grade Method: REG/P-F/AUD. Prerequisite: ENCH 425.
0101 MWF.....10:00am-10:50am (CHE 2108) Asbjornsen, O

ENCH440 Chemical Engineering Kinetics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD. Prerequisites: ENCH 300; and ENCH 425; and CHEM 481.
0101 MWF.....11:00am-11:50am (CHE 2108) Gasner, L

ENCH442 Chemical Engineering Systems Analysis; 3 credits
(PermReq) Grade Method: REG/P-F/AUD. Prerequisites: ENCH 300; and ENCH 425.
0101 TuTh.....11:00am-12:15pm (CHM 0119) Weigand, W
Th.....1:00pm- 4:00pm (CHE 2145) LAB
0102 TuTh.....11:00am-12:15pm (CHM 0119) Weigand, W
Tu.....1:00pm- 4:00pm (CHE 2116) LAB
0103 TuTh.....11:00am-12:15pm (CHM 0119) Weigand, W
TBA (CHE 1203) LAB

ENCH446 Process Engineering Economics and Design 3 credits
(PermReq) II; Grade Method: REG/P-F/AUD. Prerequisite: ENCH 444. Not open to students who have completed ENCH 445.
0101 MWF.....1:00pm- 1:50pm (CHE 2136) Gasner, L
0201 MWF.....2:00pm- 2:50pm (CHE 2136) Gasner, L

ENCH453 Applied Mathematics in Chemical 3 credits
(PermReq) Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCH 427.
0101 MWF.....9:00am- 9:50am (CHE 2145) Gentry, J

ENCH454 Chemical Process Analysis and 3 credits
(PermReq) Optimization; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 427; and ENCH 440.
0101 MWF.....2:00pm- 2:50pm (CHE 2108) Mavrovouniotis,

ENCH468 Research; Grade Method: REG/P-F/AUD. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ENCH468A Research: Computer Methods in Chemical 3 credits
(PermReq) Engineering; Grade Method: REG.
0101 MWF.....9:00am- 9:50am (CHE 2118) Minderman Jr.,

ENCH485 Biochemical Engineering Laboratory; Grade 2 credits
(PermReq) Method: REG/P-F/AUD. Pre- or corequisite: ENCH 482.
0101 W.....3:00pm- 6:00pm (CHE 2211) LAB Wang, N

ENCH494 Polymer Technology Laboratory; Grade 3 credits
(PermReq) Method: REG/P-F/AUD. Prerequisite: ENCH 490 or ENCH 492.
0101 TuTh.....1:00pm- 5:00pm (CHE 1138) LAB STAFF

ENCH496 Processing of Polymer Materials; Grade 3 credits
(PermReq) Method: REG/P-F/AUD. Prerequisite: ENCH 490 or ENCH 492. Credit will be granted for only one of the following: ENCH 496 or ENMA 496.
0101 TuTh.....9:30am-10:45am (CHE 2145) Smith, T

ENCH609 Graduate Seminar; Grade Method: REG/AUD. 1 credit
(PermReq) Advanced special students require department permission.
0101 Tu.....2:00pm- 3:00pm (CHE 2117) Gentry, J

ENCH610 Chemical Engineering Thermodynamics; Grade 3 credits
Method: REG/AUD. Advanced special students require department authorization.
0101 MW.....3:30pm- 5:00pm (CHE 2120) Sengers, J

ENCH640 Advanced Chemical Reaction Kinetics; Grade 3 credits
Method: REG/AUD.
0101 MW.....5:00pm- 6:30pm (CHE 2136) Choi, K

ENCH648 Special Problems in Chemical Engineering; 1-16 credits
Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH648A Special Problems in Chemical Engineering: 3 credits
(PermReq) Model Based Process Control; Grade Method: REG/AUD.
0101 TuTh.....4:00pm- 5:30pm (CHE 2116) Zafiriou, E

ENCH782 Advanced Biochemical Engineering; Grade 3 credits
(PermReq) Method: REG/AUD. Prerequisite: ENCH 482 or permission of both department and instructor.
0101 TuTh.....5:30pm- 7:00pm (CHE 2118) Bentley, W

ENCH799 Master's Thesis Research; Grade Method: 1-6 credits
REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH899 Doctoral Dissertation Research: Chemical 1-8 credits
Engineering; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F. No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENCO099 Co-Op Work Experience; Grade Method: S-F. No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Basic Circuit Theory; Grade Method: REG. 3 credits
(PermReq) Prerequisite: MATH 246. Engineering College (04) only.
0101 TuTh.....9:30am-10:45am (EGR 1202) STAFF
M.....1:00pm- 1:50pm (EGR 1120) DIS
0102 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Tu.....8:00am- 8:50am (EGR 3108) DIS
0103 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Tu.....12:00pm-12:50pm (EGR 0135) DIS
0104 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....12:00pm-12:50pm (EGR 1120) DIS
0105 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....2:00pm- 2:50pm (EGR 1126) DIS
0106 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Th.....8:00am- 8:50am (EGR 3114) DIS

ENEE244 Digital Logic Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Prerequisite: ENES 240. Engineering College (04) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....8:00am- 8:50am (CHE 2140) DIS
0102 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 1120) DIS
0103 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....2:00pm- 2:50pm (EGR 1120) DIS
0104 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....9:00am- 9:50am (ARM 0102) DIS
0105 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (ARM 0105) DIS
0106 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....2:00pm- 2:50pm (CHM 0119) DIS
0107 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....9:00am- 9:50am (EGR 3111) DIS

ENEE300 Principles of Electrical Engineering; 3 credits
(PermReq) Grade Method: REG. Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses. Engineering College only. (04).
0101 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (EGR 3102) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Th.....1:00pm- 1:50pm (CHM 2201) DIS
0103 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Tu.....2:00pm- 2:50pm (CHM 0119) DIS
0104 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Th.....2:00pm- 2:50pm (CHE 2116) DIS
0105 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....9:00am- 9:50am (CHE 2136) DIS
0106 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....2:00pm- 2:50pm (EGR 3106) DIS

ENEE301 Electrical Engineering Laboratory; Grade 1 credit
(PermReq) Method: REG. Corequisite: ENEE 300. Engineering College (04) only.
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0124) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0124) LAB
0103 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0124) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
F.....1:00pm- 3:00pm (EGL 0124) LAB
0105 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....10:00am-12:00pm (EGL 0124) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....10:00am-12:00pm (EGL 0124) LAB

All lower-division CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400-level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one semester to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 Analog Electronic Circuits; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....8:00am- 9:15am (ARM 0117) STAFF
Tu.....2:00pm- 2:50pm (ARM 0103) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0117) STAFF
Tu.....11:00am-11:50am (EGR 3111) DIS
0201 TuTh.....11:00am-12:15pm (CHM 2201) STAFF
Th.....3:00pm- 3:50pm (CHE 2140) DIS
0202 TuTh.....11:00am-12:15pm (CHM 2201) STAFF
Tu.....8:00am- 8:50am (EGR 3110) DIS
0301 MWF.....2:00pm- 2:50pm (ARM 0117) STAFF
W.....4:00pm- 4:50pm (EGR 1102) DIS
0302 MWF.....2:00pm- 2:50pm (ARM 0117) STAFF
F.....9:00am- 9:50am (EGR 1120) DIS

ENEE305 Fundamental Laboratory; Grade Method: REG. 2 credits
(PermReq) Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses. ENEE majors(09090) only.
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 0132A) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132A) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132A) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0132A) LAB
0105 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 0132A) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132A) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....8:00am-11:00am (EGL 0132A) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:30pm- 6:30pm (EGL 0132A) LAB

ENEE314 Electronic Circuits; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Prerequisite: ENEE 304 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0201 TuTh.....12:30pm- 1:45pm (CHM 0119) STAFF
Th.....3:00pm- 3:50pm (EGR 0135) DIS
0202 TuTh.....12:30pm- 1:45pm (CHM 0119) STAFF
Tu.....9:00am- 9:50am (CHM 0119) DIS
0301 TuTh.....8:00am- 9:15am (CHM 0127) STAFF
Th.....2:00pm- 2:50pm (EGR 1102) DIS
0302 TuTh.....8:00am- 9:15am (CHM 0127) STAFF
Th.....1:00pm- 1:50pm (EGR 1110) DIS

ENEE322 Signal and System Theory; Grade Method: 3 credits
(PermReq) REG. Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (CHM 0127) STAFF
Tu.....8:00am- 8:50am (EGR 3111) DIS
0102 TuTh.....9:30am-10:45am (CHM 0127) STAFF
Th.....11:00am-11:50am (CHE 2118) DIS
0201 MW.....11:00am-12:15pm (ARM 0116) STAFF
W.....1:00pm- 1:50pm (CHE 2118) DIS
0202 MW.....11:00am-12:15pm (ARM 0116) STAFF
F.....11:00am-11:50am (EGR 3111) DIS
0301 TuTh.....2:00pm- 3:15pm (ARM 0110) STAFF
Th.....4:00pm- 4:50pm (EGR 3114) DIS
0302 TuTh.....2:00pm- 3:15pm (ARM 0110) STAFF
Tu.....10:00am-10:50am (EGR 3114) DIS

ENEE324 Engineering Probability; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....11:00am-11:50am (CHM 0119) STAFF
M.....10:00am-10:50am (CHE 2136) DIS
0102 MWF.....11:00am-11:50am (CHM 0119) STAFF
F.....1:00pm- 1:50pm (EGR 1126) DIS
0201 TuTh.....2:00pm- 3:15pm (ARM 0117) STAFF
Tu.....8:00am- 9:50am (EGR 3111) DIS
0202 TuTh.....2:00pm- 3:15pm (ARM 0117) STAFF
Tu.....10:00am-10:50am (CHE 2140) DIS
0301 MWF.....10:00am-10:50am (ARM 0117) STAFF
W.....11:00am-11:50am (EGR 3111) DIS
0302 MWF.....10:00am-10:50am (ARM 0117) STAFF
W.....12:00pm-12:50pm (EGR 1102) DIS

ENEE350 Computer Organization; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250. ENEE majors (09090) only.
0101 MWF.....12:00pm-12:50pm (CHM 0128) STAFF
M.....9:00am- 9:50am (EGR 3108) DIS
0102 MWF.....12:00pm-12:50pm (CHM 0128) STAFF
M.....10:00am-10:50am (CHM 0127) DIS
0201 MWF.....1:00pm- 1:50pm (ARM 0117) STAFF
M.....9:00am- 9:50am (ARM 0103) DIS
0202 MWF.....1:00pm- 1:50pm (ARM 0117) STAFF
M.....12:00pm-12:50pm (EGR 3111) DIS
0301 TuTh.....9:30am-10:45am (ARM 0116) STAFF
Tu.....2:00pm- 2:50pm (EGR 1124) DIS
0302 TuTh.....9:30am-10:45am (ARM 0116) STAFF
Tu.....3:00pm- 3:50pm (EGR 0135) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG. 3 credits
(PermReq) Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090).
0101 MWF.....10:00am-10:50am (CHM 0119) STAFF
W.....12:00pm-12:50pm (EGR 3114) DIS
0102 MWF.....10:00am-10:50am (CHM 0119) STAFF
F.....9:00am- 9:50am (EGR 0108) DIS
0201 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
0202 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
Th.....10:00am-10:50am (CHE 2140) DIS
0301 MWF.....11:00am-11:50am (CHM 0128) STAFF
F.....1:00pm- 1:50pm (EGR 0108) DIS
0302 MWF.....11:00am-11:50am (CHM 0128) STAFF
M.....10:00am-10:50am (EGR 0104) DIS

ENEE381 Electromagnetic Wave Propagation; Grade 3 credits
(PermReq) Method: REG. Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (CHM 0128) STAFF
M.....9:00am- 9:50am (CHE 2136) DIS
0102 MWF.....8:00am- 8:50am (CHM 0128) STAFF
M.....1:00pm- 1:50pm (EGR 0135) DIS
0201 TuTh.....11:00am-12:15pm (ARM 0116) STAFF
Tu.....10:00am-10:50am (EGR 3108) DIS
0202 TuTh.....11:00am-12:15pm (ARM 0116) STAFF
Th.....1:00pm- 1:50pm (PHY 1402) DIS
0301 MWF.....2:00pm- 2:50pm (CHM 0128) STAFF
F.....12:00pm-12:50pm (CHE 2120) DIS
0302 MWF.....2:00pm- 2:50pm (CHM 0128) STAFF
F.....1:00pm- 1:50pm (EGR 3106) DIS

ENEE407 Microwave-Circuits Laboratory; Grade 2 credits
(PermReq) Method: REG. Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101 Th.....1:00pm- 2:00pm (EGR 3114) STAFF
Th.....2:00pm- 5:00pm (EGL 0145) LAB

ENEE412 Advanced Electronics; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note.
0101 TuTh.....9:30am-10:45am (EGR 0108) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG. 2 credits
(PermReq) Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0102 W.....12:00pm-12:50pm (CHE 2108) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122) LAB
0103 W.....12:00pm-12:50pm (CHE 2108) STAFF
Th.....9:00am-12:00pm (EGL 0122) LAB
0104 W.....12:00pm-12:50pm (CHE 2108) STAFF
Th.....12:30pm- 3:30pm (EGL 0122) LAB
0105 W.....12:00pm-12:50pm (CHE 2108) STAFF
F.....1:00pm- 4:00pm (EGL 0122) LAB
0106 W.....12:00pm-12:50pm (CHE 2108) STAFF
W.....1:00pm- 4:00pm (EGL 0122) LAB
0107 W.....12:00pm-12:50pm (CHE 2108) STAFF
M.....12:00pm- 3:00pm (EGL 0122) LAB
0108 W.....12:00pm-12:50pm (CHE 2108) STAFF
M.....3:30pm- 6:30pm (EGL 0122) LAB

ENEE418 Projects in Electrical Engineering: 1-3 credits
(PermReq) General Electrical Engineering Projects; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE4180 Projects in Electrical Engineering: 2 credits
(PermReq) Optoelectronics Lab; Grade Method: REG. ENEE majors (09090) only.
0101 Tu.....1:00pm- 2:00pm (EGR 2102) STAFF
Tu.....2:00pm- 5:00pm (EGL 0130A) LAB

ENEE420 Communication Systems; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....12:30pm- 1:45pm (EGR 3106) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE425 Digital Signal Processing; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 3106) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE426 Communication Networks; Grade Method: REG. 3 credits
(PermReq) Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (CHM 0124) STAFF

ENEE434 Introduction to Neural Networks and 3 credits
(PermReq) Signals; Grade Method: REG. Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

Prerequisite: ENEE 314 and completion of all lower-division courses in the EE curriculum.

ENEE438 Topics in Biomedical Engineering; Grade 3 credits
(PermReq) Method: REG. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (EGR 3110) STAFF

ENEE440 Microprocessors; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 1126) STAFF
0201 TuTh.....8:00am- 9:15am (EGR 2107) STAFF
0301 TuTh.....9:30am-10:45am (EGR 1126) STAFF

ENEE444 Logic Design of Digital Systems; Grade 3 credits
(PermReq) Method: REG/P-F/AUD. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 244. ENEE majors (09090) only.
0101 TuTh.....8:00am- 9:15am (EGR 0135) STAFF

ENEE445 Computer Laboratory; Grade Method: REG. 2 credits
(PermReq) Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note. ENEE majors (09090) only.
0101 Tu.....11:00am-11:50am (CHM 0127) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....11:00am-11:50am (CHM 0127) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....11:00am-11:50am (CHM 0127) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: 3 credits
(PermReq) REG. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 2107) STAFF
0201 MW.....2:00pm- 3:15pm (EGR 0108) STAFF

ENEE461 Control Systems Laboratory; Grade Method: 2 credits
(PermReq) REG. Prerequisites: ENEE 305 and ENEE 460 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 M.....2:00pm- 2:50pm (EGR 1124) STAFF
M.....3:00pm- 6:00pm (EGR 1124) LAB

ENEE462 Systems, Control and Computation; Grade 3 credits
(PermReq) Method: REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....12:00pm-12:50pm (EGR 1106) STAFF

ENEE473 Electrical Machines Laboratory; Grade 2 credits
(PermReq) Method: REG. Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculim. See above note. ENEE majors (09090) only.
0101 W.....1:00pm- 1:50pm (EGR 3111) STAFF
W.....3:30pm- 6:30pm (EGL 0132) LAB
0102 W.....1:00pm- 1:50pm (EGR 3111) STAFF
M.....3:30pm- 6:30pm (EGL 0132) LAB

ENEE474 Power Systems; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 322 and completion of all lower-division technical in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (PHY 0405) STAFF

ENEE481 Antennas; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 0108) STAFF

ENEE482 Design of Active and Passive Microwave 3 credits
(PermReq) Devices; Grade Method: REG. Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 0110) STAFF

ENEE494 Solid State Devices; Grade Method: REG. 3 credits
(PermReq) Prerequisite: ENEE 302 and completion of all lower-division technical courses in

the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (ARM 0105) STAFF

ENEE496 (PermReq) Lasers and Electro-optic Devices; Grade Method: REG. Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1106) STAFF

ENEE608A Graduate Seminar: Communications; Grade Method: REG/AUD. — 1-3 credits
0101 W.....1:30pm- 3:00pm (EGR 1102) STAFF

ENEE608B Graduate Seminar: Computers; Grade Method: REG/AUD. — 1 credit
0101 Th.....2:00pm- 3:00pm (CSS 2330) Vishkin, U

ENEE608C Graduate Seminar: Controls; Grade Method: REG/AUD. — 1-3 credits
0101 F.....1:30pm- 3:30pm (EGR 3111) STAFF

ENEE608D Graduate Seminar: Electrophysics; Grade Method: REG/AUD. — 1-3 credits
0101 F.....4:00pm- 5:30pm (EGR 0108) STAFF

ENEE608E Graduate Seminar: Micro-Electronics Seminar; Grade Method: REG/AUD. — 1-3 credits
0101 M.....4:00pm- 5:30pm (EGR 3111) STAFF

ENEE609A (PermReq) Projects in Electrical Engineering: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENEE609B (PermReq) Projects in Electrical Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENEE620 Random Processes in Communication and Control; Grade Method: REG/AUD. Prerequisite: ENEE 324 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3106) STAFF

ENEE621 Estimation and Detection Theory; Grade Method: REG/AUD. Prerequisite: ENEE 620 or equivalent. Also offered as MAPL 644. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0108) STAFF

ENEE623 Digital Communications; Grade Method: REG/AUD. Prerequisites: ENEE 620 and ENEE 420 or equivalents, or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 2154) STAFF

ENEE646 Digital Computer Design; Grade Method: REG/AUD. Prerequisite: ENEE 446. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE648C Advanced Topics in Electrical Engineering: VLSI Design; Grade Method: REG/AUD. Prerequisite: ENEE 646. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE648I Advanced Topics in Electrical Engineering: Operating Systems; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3110) STAFF

ENEE648K Advanced Topics in Electrical Engineering: Fundamental Algorithmics; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ITV 1111) STAFF

ENEE648M Advanced Topics in Electrical Engineering: Compound Semiconductor Technology; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) STAFF

ENEE648O Advanced Topics in Electrical Engineering: Plasma Processing; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1102) STAFF

ENEE648P Advanced Topics in Electrical Engineering: VLSI Processing; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3102) STAFF

ENEE648U Advanced Topics in Electrical Engineering: Optical Communication Systems; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE648W Advanced Topics in Electrical Engineering: Physics and Simulation of Semiconductor Devices; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3110) STAFF

ENEE648Y Advanced Topics in Electrical Engineering: Physics and Device Applications of Semiconductor Heterojunctions; Grade Method: REG/AUD. — 3 credits
0101 MW.....9:00am-10:15am (EGR 3110) STAFF

ENEE655 Structure Theory of Machines; Grade Method: REG/AUD. Prerequisites: ENEE 450 and ENEE 444. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 2107) STAFF

ENEE660 Modern Control System Design Method; Grade Method: REG/AUD. Prerequisites: ENEE 663 and ENEE 620, or equivalent, or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3108) STAFF

ENEE663 System Theory; Grade Method: REG/AUD. Also offered as MAPL 640. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE664 Optimal Control; Grade Method: REG/AUD. Prerequisite: ENEE 460. Also offered as MAPL 641. — 3 credits
0101 MW.....11:00am-12:15pm (EGR 0104) STAFF

ENEE681 Electromagnetic Theory II; Grade Method: REG/AUD. Prerequisite: ENEE 381 or equivalent. — 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0306) STAFF

ENEE686 Charged Particle Dynamics, Electron and Ion Beams; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE697 Semiconductor Devices and Technology; Grade Method: REG/AUD. Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 793. — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2107) STAFF

ENEE722 Error Correcting Codes; Grade Method: REG/AUD. Also offered as MAPL 732. — 3 credits
0101 MW.....2:00pm- 3:15pm (ITV 1111) STAFF

ENEE780 Microwave Engineering; Grade Method: REG/AUD. Prerequisite: ENEE 681. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE790 Quantum Electronics I; Grade Method: REG/AUD. Prerequisite: a knowledge of quantum mechanics or permission of instructor. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1102) STAFF

ENEE799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENEE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENES Engineering Science (Engineering)

ENES101 (PermReq) Introductory Engineering Science; Grade Method: REG/P-F/AUD. For engineering majors only. — 3 credits
0101 MW.....8:00am- 8:50am (EGR 1202) Macwan, A
F.....8:00am-10:00am (CHE 2136) DIS
0102 MW.....8:00am- 8:50am (EGR 1202) Macwan, A
W.....1:00pm- 3:00pm (CHE 2145) DIS
0103 MW.....8:00am- 8:50am (EGR 1202) Macwan, A
Tu.....8:00am-10:00am (CHE 2140) DIS
0104 MW.....8:00am- 8:50am (EGR 1202) Macwan, A
Th.....1:00pm- 3:00pm (ARM 0103) DIS

ENES110 (PermReq) Statics; Grade Method: REG/P-F/AUD. Corequisite: MATH 141. Prerequisite: student in College of Engineering. — 3 credits
0101 TuTh.....9:30am-10:20am (ARM 0135) STAFF
M.....1:00pm- 2:50pm (EGR 2112) DIS
0102 TuTh.....9:30am-10:20am (ARM 0135) STAFF
Tu.....1:00pm- 2:50pm (EGR 1102) DIS
0103 TuTh.....9:30am-10:20am (ARM 0135) STAFF
W.....1:00pm- 2:50pm (EGR 1108) DIS
0104 TuTh.....9:30am-10:20am (ARM 0135) STAFF
Th.....1:00pm- 2:50pm (ARM 0105) DIS
0201 TuTh.....11:00am-11:50am (ARM 0135) STAFF
M.....1:00pm- 2:50pm (EGR 1126) DIS
0202 TuTh.....11:00am-11:50am (ARM 0135) STAFF
Tu.....1:00pm- 2:50pm (EGR 0110) DIS
0203 TuTh.....11:00am-11:50am (ARM 0135) STAFF
W.....1:00pm- 2:50pm (CHM 0124) DIS
0204 TuTh.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 2:50pm (EGR 0110) DIS
0205 TuTh.....11:00am-11:50am (ARM 0135) STAFF
F.....1:00pm- 2:50pm (EGR 1102) DIS

ENES110H (PermReq) Statics; Grade Method: REG/P-F/AUD. Corequisite: MATH 141. MATH SAT score of 650. Prerequisite: student in the College of Engineering. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3102) STAFF

ENES220 (PermReq) Mechanics of Materials; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141; and PHYS 161; and ENES 110. Prerequisite: student in the College of Engineering. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1108) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1126) STAFF
0301 MWF.....10:00am-10:50am (EGR 1104) STAFF
0401 MWF.....11:00am-11:50am (EGR 3106) STAFF
0501 TuTh.....8:00am- 9:15am (EGR 1108) STAFF

ENES221 (PermReq) Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 110; and MATH 141; and PHYS 161. Prerequisite: student in the College of Engineering. — 3 credits
0101 MW.....8:00am- 8:50am (ZOP 1240) STAFF
F.....8:00am- 9:50am (EGR 3110) DIS
0102 MW.....8:00am- 8:50am (ZOP 1240) STAFF
M.....1:00pm- 2:50pm (EGR 0110) DIS
0103 MW.....8:00am- 8:50am (ZOP 1240) STAFF
W.....1:00pm- 2:50pm (EGR 1120) DIS
0201 TuTh.....9:30am-10:20am (CHE 2110) STAFF
M.....1:00pm- 2:50pm (ARM 0116) DIS
0202 TuTh.....9:30am-10:20am (CHE 2110) STAFF
Tu.....1:00pm- 2:50pm (CHE 2145) DIS
0204 TuTh.....9:30am-10:20am (CHE 2110) STAFF
Th.....1:00pm- 2:50pm (EGR 2112) DIS

ENES230 (PermReq) Introduction to Materials and their Applications; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. Prerequisite: student in the College of Engineering. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2108) Marriott, R

ENES240 (PermReq) Engineering Computation; Grade Method: REG. Prerequisite: MATH 141. College of Engineering 04. — 3 credits
0101 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....10:00am-12:00pm (CHE 2118) DIS
0102 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....10:00am-12:00pm (EGR 1102) DIS
0103 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....1:00pm- 3:00pm (CHM 0122) DIS
0104 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....10:00am-12:00pm (EGR 3111) DIS
0105 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (ARM 0101) DIS
0106 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (CHE 2140) DIS
0107 MW.....11:00am-11:50am (ARM 0135) STAFF
F.....1:00pm- 3:00pm (EGR 3114) DIS

ENES386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENES 387. — 1-3 credits

ENES387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: ENES 386. — 1-3 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F. — 1 credit
0101 W.....12:00pm-12:50pm (EGR 3111) Dieter Jr., G

ENES389B Selected Topics: An Introduction to Science and Technology in Context-Social,Historical, and Philosophical Dimensions; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3106) Kaplan, B

ENES389E Selected Topics: Eatable Thermodynamics; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1106) Regan, T

ENFP Engineering, Fire Protection (Engineering)

ENFP290 Fire Protection Fluids; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....10:00am-12:00pm (EGR 0135) Mowrer, F

ENFP312 (PermReq) Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 110 and ENES 240; or ENME 320; or ENME 217. — 3 credits
0101 TuTh.....1:00pm- 3:00pm (EGR 0135) Quintiere, J

ENFP315 (PermReq) Fire Protection Systems Design II; Grade Method: REG/P-F/AUD. Prerequisites: ENFP 290; and ENFP 310. Majors only. — 3 credits
0101 MW.....2:00pm- 4:00pm (EGR 0135) Mowrer, F

ENFP411 (PermReq) Fire Protection Hazard Analysis; Grade Method: REG/P-F/AUD. Prerequisites: ENFP 251; and ENFP 315. Majors only. — 3 credits
0101 TuTh.....10:00am-12:00pm (EGR 0135) Milke, J

ENFP416 (PermReq) Problem Synthesis and Design; Grade Method: REG/P-F/AUD. Senior standing. Majors only. — 3 credits
0101 MW.....8:00am-10:00am (EGR 0135) Bryan, J

ENFP489 (PermReq) Special Topics: Fire Protection Engineering Seminar; Grade Method: REG/P-F/AUD. Majors only. — 3 credits
0101 M.....6:30pm- 9:30pm (EGR 0135) Mowrer, F

ENFP611 (PermReq) Particle and Fluid Propagation Principles; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....5:30pm- 8:30pm (EGR 1104) STAFF

ENFP625 (PermReq) Advanced Fire Modeling; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....6:30pm- 9:30pm (EGR 0135) Mowrer, F

ENGL English (Arts and Humanities)

ENGL101 Introduction to Writing; Grade Method: REG. Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. — 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2101) Gunther, D
0103 MWF.....9:00am- 9:50am (HBK 1108) Brown, P
0104 MWF.....9:00am- 9:50am (KEY 0123) Burcham, L
0201 MWF.....10:00am-10:50am (ARM 0103) Kupka, K
0202 MWF.....10:00am-10:50am (ARM 0103) Canaday, S
0203 MWF.....10:00am-10:50am (EGR 3111) Eisenhower, C
0301 MWF.....11:00am-11:50am (TLF 0110) Fisher, J
0302 MWF.....11:00am-11:50am (HBK 0125) Farmer, W
0401 MWF.....12:00pm-12:50pm (LEF 1220) Sarlin, E
0501 MWF.....1:00pm- 1:50pm (HBK 1108) Feldmann, R
0502 MWF.....1:00pm- 1:50pm (JRN 1103) Fischer, T
0601 MWF.....2:00pm- 2:50pm (HBK 1108) Fitzgerald, W
0602 MWF.....2:00pm- 2:50pm (ARM 0105) Groves, S
0603 MWF.....2:00pm- 2:50pm (TLF 2126) Winton, C
1001 TuTh.....8:00am- 9:15am (TLF 0110) Callahan, F
1101 TuTh.....9:30am-10:45am (JMZ 2207) Plaza, V
1102 TuTh.....9:30am-10:45am (DNC 11398) Jackson, S
1103 TuTh.....9:30am-10:45am (EGR 1124) Jordan, C
1104 TuTh.....9:30am-10:45am (WDS 1127) Sanders, C
11RH TuTh.....9:30am-10:45am (Arranged) Carroll, K
Section 11RH meets in Denton Hall Dormitory, room 0127.
1201 TuTh.....11:00am-12:15pm (EGR 3114) Koch, L
1202 TuTh.....11:00am-12:15pm (ARC 1125) Robinson, P
1203 TuTh.....11:00am-12:15pm (SYM 2109) McElhiney, K
1205 TuTh.....11:00am-12:15pm (KEY 0124) Macys, V
12RH TuTh.....11:00am-12:15pm (Arranged) Carroll, K
Section 12RH meets in Laplata Dormitory, room 1125.
1301 TuTh.....12:30pm- 1:45pm (SYM 1308) McMahon, D
1302 TuTh.....12:30pm- 1:45pm (JMZ 0120) Oakley, T
1303 TuTh.....12:30pm- 1:45pm (LEF 1208) Macys, V
1401 TuTh.....2:00pm- 3:15pm (JRN 1103) Rush, J
1402 TuTh.....2:00pm- 3:15pm (TLF 0102) Abdulillaha, R
1501 TuTh.....3:30pm- 4:45pm (JMZ 1117) Virgilio, D

ENGL101A Introduction to Writing; Grade Method: REG. Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students. — 3 credits
1701 MWF.....10:00am-10:50am (JRN 1103) Thomas, B

ENGL101H (PermReq) Introduction to Writing; Grade Method: REG. Limited to General Honors students and to students exempt from regular ENGL 101. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0120) Shapiro, N
0201 MWF.....10:00am-10:50am (ARM 0120) Schilb, J

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 2143 (x4160) or PKT 1104 (x6545): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive. — 3 credits
2001 MWF.....9:00am- 9:50am (JRN 1101) Winton, C
2002 TuTh.....11:00am-12:15pm (JMZ 1211) Martinson, A
2003 TuTh.....9:30am-10:45am (JRN 1101) Williamson, C

ENGL201 Western World Literature, Homer to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1104) Coleman, L
0201 MWF.....2:00pm- 2:50pm (TLF 0103) Giroir, M
0301 TuTh.....9:30am-10:45am (KEY 0121) Rutherford, C
0401 TuTh.....11:00am-12:15pm (HZF 1108) Herman, H
0501 MWF.....9:00am- 9:50am (ARM 0121) Marrazzo, F

ENGL202 West World Literature, Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0102) Kieserman, S
0201 MWF.....10:00am-10:50am (TLF 1102) Rotaru, A
0301 TuTh.....9:30am-10:45am (WDS 1131) Davison, N
0401 MWF.....12:00pm-12:50pm (TLF 2126) Demaree, C
0501 TuTh.....12:30pm- 1:45pm (KEY 0103) Davison, N

ENGL202H West World Literature, Renaissance to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. For students in the University Honors Program. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1123) Howard, J

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Recommended for non-majors. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 1101) Davis, J
0201 MWF.....12:00pm-12:50pm (WDS 1131) Eaton, B
0301 MWF.....1:00pm- 1:50pm (KEY 0120) Barry, J
0401 TuTh.....12:30pm- 1:45pm (SYM 2109) Carmichael, E
0501 MWF.....11:00am-11:50am (WDS 1130) Barry, J
0601 MWF.....10:00am-10:50am (EGR 3108) Davis, J
0701 MWF.....2:00pm- 2:50pm (KEY 0125) Davis, J
0801 TuTh.....9:30am-10:45am (JMZ 2123) Pacheco, A
0901 TuTh.....2:00pm- 3:15pm (HZF 1108) Pacheco, A
1001 TuTh.....11:00am-12:15pm (JMZ 2122) Curley, M
1002 MWF.....9:00am- 9:50am (TLF 0110) Jaster, M

ENGL211 English Literature From the Beginnings to 1800; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2101) Buhlig Jr., P
0301 MWF.....11:00am-11:50am (KEY 0125) Thomas, B
0401 MWF.....1:00pm- 1:50pm (ARM 0121) Thomas, B

ENGL212 English Literature From 1800 to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) Lin, D
0201 TuTh.....11:00am-12:15pm (TLF 1104) Hauch, S
0301 TuTh.....2:00pm- 3:15pm (JMZ 1215) Hauch, S
0401 MWF.....10:00am-10:50am (KEY 0126) Hall, D
0501 MWF.....12:00pm-12:50pm (ARC 1123) Svricek, M
0601 MWF.....1:00pm- 1:50pm (TLF 1101) Svrjcek, M

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0125) Harrell, W

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0125) Munter, R
0201 MWF.....10:00am-10:50am (ARM 0105) Munter, R
0301 MWF.....12:00pm-12:50pm (KEY 0125) Tavares, M
0401 MWF.....1:00pm- 1:50pm (JRN 1105) Tavares, M
0501 MWF.....2:00pm- 2:50pm (TLF 0101) Munter, R
0601 TuTh.....2:00pm- 3:15pm (WDS 1130) Hutchins, J
0701 TuTh.....12:30pm- 1:45pm (ARM 0116) Haspel, D
0801 TuTh.....9:30am-10:45am (HBK 1108) Meng, D
0901 MWF.....12:00pm-12:50pm (ARM 0105) Thomas, B

ENGL234 Introduction to African-American Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0103) Subbaraman, S
0301 TuTh.....11:00am-12:15pm (HZF 1102) Asres, A
0601 TuTh.....2:00pm- 3:15pm (ARC 1123) Asres, A
0701 MWF.....10:00am-10:50am (TLF 0103) Meehan, K

ENGL240 Introduction to Fiction, Poetry, and Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Not open to students who have completed ENGL 102. — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0125) Lima, M
0201 TuTh.....9:30am-10:45am (HBK 1116) Paxton, A
0301 MWF.....12:00pm-12:50pm (ARM 0103) Mock, J

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 2101) Ruppel, F
0201 TuTh.....12:30pm- 1:45pm (TLF 1102) Pettengill, C
0301 TuTh.....12:30pm- 1:45pm (KEY 0121) Johnson, E
0401 TuTh.....2:00pm- 3:15pm (LEF 1220) Van Kirk, J
0501 TuTh.....12:30pm- 1:45pm (KEY 0123) Shevlin, E
0601 MWF.....2:00pm- 2:50pm (HBK 0117) Wurdeman, M
0701 TuTh.....12:30pm- 1:45pm (ARM 0121) Cannon, E
0801 MWF.....10:00am-10:50am (TLF 2103) Becker, C
0901 MWF.....9:00am- 9:50am (TLF 2126) Kibler, R

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 1103) Terchek, M
0201 TuTh.....9:30am-10:45am (KEY 0125) Roberts, K
0301 TuTh.....12:30pm- 1:45pm (WDS 1131) Dickinson, L
0401 MWF.....12:00pm-12:50pm (TLF 0102) Dove, L
0501 TuTh.....11:00am-12:15pm (WDS 1131) Roberts, K
0601 MWF.....1:00pm- 1:50pm (LEF 1220) Gillett, S
0701 MWF.....12:00pm-12:50pm (TLF 2103) Van Egmond, P
0801 MWF.....9:00am- 9:50am (TLF 2110) Curry, R

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0103) Gulino, F
0201 TuTh.....2:00pm- 3:15pm (JMZ 0118) Rodowsky, K
0301 TuTh.....12:30pm- 1:45pm (KEY 0116) Moul, C
0401 TuTh.....2:00pm- 3:15pm (JMZ 0103) Freedman, M

ENGL245 Film and the Narrative Tradition; Grade Method: REG/AUD. CORE Distributive — 3 credits

Studies Arts Course. USP Distributive Studies Area C Course.
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL246 The Short Story; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....8:00am- 9:15am (TLF 2101) Sun, Y

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 1104) Wiese, N

ENGL250 Introduction to Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 0103) Steinberg, S
0201 MWF.....1:00pm- 1:50pm (TLF 0110) Greenberg, S
0301 TuTh.....11:00am-12:15pm (TLF 2101) Oxindine, A
0401 TuTh.....11:00am-12:15pm (ARM 0121) Sprecher, L
0501 MWF.....9:00am- 9:50am (TLF 1102) Hart, T
0601 TuTh.....9:30am-10:45am (LEF 1221) Ryan, L
0701 TuTh.....2:00pm- 3:15pm (TLF 2126) Roberts, K

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students who have completed ENGL 380. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 1104) Pearson, B
0201 TuTh.....11:00am-12:15pm (TLF 1103) Pearson, B
0301 Th.....6:30pm- 9:00pm (TLF 1103) Fry, G

ENGL278A Special Topics in Literature: African, Indian, and Caribbean Writers; Grade Method: REG. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2103) Ray, S
0201 MWF.....2:00pm- 2:50pm (TLF 1102) Ray, S

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1103) Herman, H
0201 TuTh.....12:30pm- 1:45pm (TLF 0102) James, E
0301 TuTh.....11:00am-12:15pm (TLF 2126) James, E

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0117) Chitwood, C

ENGL291X Intermediate Writing; Grade Method: REG/P-F/AUD. Limited to students for whom English is a second language. — 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 0123) Swatski, J

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD. Sophomore standing. — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0123) Mackinnon, B
0201 MWF.....12:00pm-12:50pm (KEY 0121) Christie, A

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0108) Van Kirk, J
0201 TuTh.....9:30am-10:45am (TLF 0103) Pleydell, S
0301 MWF.....2:00pm- 2:50pm (TLF 0110) Buck, J
0401 MWF.....3:00pm- 3:50pm (TLF 0108) Moomau, G

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (KEY 0117) Roberts, K
0201 TuTh.....9:30am-10:45am (KEY 0119) Levin, P
0301 TuTh.....2:00pm- 3:15pm (KEY 0120) Biespiel, D

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0102) Marcuse, M
0201 MWF.....10:00am-10:50am (TLF 0108) Marcuse, M
0301 MWF.....11:00am-11:50am (TLF 1104) Leonardi, S
0401 TuTh.....2:00pm- 3:15pm (ARC 1127) Kleine, D
0501 TuTh.....3:30pm- 4:45pm (KEY 0120) Cate, G
0601 TuTh.....12:30pm- 1:45pm (TLF 2101) Kleine, D
0701 MWF.....10:00am-10:50am (TWS 0131) Averbach, J
0801 TuTh.....12:30pm- 1:45pm (KEY 0124) Robinson, J
0901 MWF.....1:00pm- 1:50pm (ARM 0103) Leonardi, S
1001 MWF.....9:00am- 9:50am (TLF 0108) Barry, J
1002 MWF.....2:00pm- 2:50pm (TLF 2101) Hamilton, G

ENGL305 Shakespeare and His Contemporaries: An Introduction; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0123) Leinwand, T
0201 MWF.....2:00pm- 2:50pm (TLF 0102) Leinwand, T

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD. For English and English education majors only. Not open to students who have completed ENGL 211 or ENGL 212. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1103) Coogan, R
0201 MWF.....9:00am- 9:50am (TLF 1101) Buhlig Jr., P
0301 MWF.....10:00am-10:50am (HZF 1106) Buhlig Jr., P
0401 MWF.....2:00pm- 2:50pm (TLF 2108) Buhlig Jr., P

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD. For English and English education majors only. — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0123) Birdsall, E
0201 MWF.....8:00am- 8:50am (KEY 0119) Wiese, N
0301 MWF.....10:00am-10:50am (HBK 0125) Wiese, N
0401 TuTh.....9:30am-10:45am (TLF 0108) DiPaolo, T
0501 TuTh.....12:30pm- 1:45pm (WDS 1127) Griggs, J

ENGL311H (PermReq) Baroque and Augustan British Literature; Grade Method: REG. For English and English education majors only. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 3114) McDowell, P

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD. For English and English education majors only. — 3 credits
0101 MWF.....2:00pm- 2:50pm (KEY 0117) Demaree, C
0201 MWF.....10:00am-10:50am (WDS 1130) Demaree, C
0301 TuTh.....12:30pm- 1:45pm (KEY 0117) Cate, G
0401 TuTh.....2:00pm- 3:15pm (TLF 0108) Panichas, G

ENGL313 American Literature; Grade Method: REG/P-F/AUD. For English and English education majors only. Not open to students who have completed ENGL 221 or ENGL 222. — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0119) Van Egmond, P
0201 TuTh.....12:30pm- 1:45pm (KEY 0119) Vitzthum, R
0301 TuTh.....9:30am-10:45am (ARM 0120) Hauch, S

ENGL320 English Romantic Literature; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 2110) Levin, P

ENGL348A Literary Works By Women: Houses of Words in the American West; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 2126) Rosen, S

ENGL348B Literary Works By Women: Feminist Utopias; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1102) Donawerth, J
0201 TuTh.....9:30am-10:45am (JMZ 0125) Donawerth, J

ENGL361 Medieval Literary Modes and Modern Narrative; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ARM 0101) Flieger, V

ENGL370 (PermReq) Junior Honors Conference; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in English. — 1 credit
0101 Th.....3:15pm- 5:15pm (TLF 0108) Flieger, V

ENGL371 (PermReq) Senior Honors Conference; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in English. — 1 credit
0101 F.....3:00pm- 5:00pm (TLF 3100) Flieger, V

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL379A Special Topics in Literature: The Uses of Literature: The Drug Experience; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2110) Isaacs, N

ENGL379B Special Topics in Literature: Caribbean Literature in English; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1104) Carr, R
0201 TuTh.....4:00pm- 5:15pm (TLF 2108) Carr, R

ENGL379C Special Topics in Literature: Black Autobiography; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0121) Asres, A
0201 TuTh.....3:30pm- 4:45pm (TLF 1104) Asres, A

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: 2 literature courses. — 3 credits
0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379G Special Topics in Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: two literature courses. — 3 credits
0101 TuTh.....8:30am-10:45am (TLF 0110) Morrison, S
0201 TuTh.....11:00am-12:15pm (JMZ 2206) Morrison, S

ENGL380 (PermReq) Internship; Grade Method: REG. Pre- or corequisite: ENGL 381 or ENGL 382; and permission of department. — 3-6 credits
0101 Time and room to be arranged Scheltema, M
0201 Time and room to be arranged Terchek, M
0301 Time and room to be arranged Debernardo, F

ENGL391 Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits
0001 MWF.....8:00am- 8:50am (TLF 0108) Boss, R
0102 MWF.....9:00am- 9:50am (WDS 1131) Grant-Davie, K
0103 MWF.....9:00am- 9:50am (HBK 0125) Simpson, M
0201 MWF.....10:00am-10:50am (LEF 1201) Boss, R
0202 MWF.....10:00am-10:50am (WDS 1127) Simpson, M
0203 MWF.....10:00am-10:50am (HBK 1108) Pedreira, M
0301 MWF.....11:00am-11:50am (KEY 0120) Simpson, M
0303 MWF.....11:00am-11:50am (TLF 2126) Pedreira, M
0402 MWF.....12:00pm-12:50pm (HBK 0117) Ruhren, K
0404 MWF.....12:00pm-12:50pm (KEY 0120) McDonald, G
0502 MWF.....1:00pm- 1:50pm (HBK 0125) Porosky, P
0504 MWF.....1:00pm- 1:50pm (WDS 1130) Ruhren, K
0603 MWF.....2:00pm- 2:50pm (KEY 0123) Porosky, P
0701 MWF.....3:00pm- 3:50pm (TLF 2108) Porosky, P
1001 TuTh.....8:00am- 9:15am (TLF 1101) Northup, L
1101 TuTh.....9:30am-10:45am (TLF 1101) Tin Nyo, M
1104 TuTh.....9:30am-10:45am (TYD 1136) Inukai, C
1201 TuTh.....11:00am-12:15pm (JMZ 0120) Lake, C
1202 TuTh.....11:00am-12:15pm (ARC 1123) Inukai, C
1203 TuTh.....11:00am-12:15pm (HBK 0117) Harrington, S
1302 TuTh.....12:30pm- 1:45pm (ARM 0102) Lake, C
1303 TuTh.....12:30pm- 1:45pm (JMZ 1103) Northup, L
1401 TuTh.....2:00pm- 3:15pm (ARM 0102) Harrington, S
1402 TuTh.....2:00pm- 3:15pm (JMZ 1117) McNeilly, D
1403 W.....6:00pm- 8:45pm (TLF 0103) Saklas, R
1501 TuTh.....3:30pm- 4:45pm (JMZ 1215) McNeilly, D

ENGL391H (PermReq) Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course is for students in the University Honors Program. — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1103) Tin Nyo, M

ENGL391X Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This course satisfies the junior English requirement. — 3 credits
0301 TuTh.....11:00am-12:15pm (JMZ 1123) Cheong, M

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits
0101 MWF.....11:00am-11:50am (WDS 1127) Procopiow, N
0201 TuTh.....9:30am-10:45am (LEF 1208) Northup, L
0301 TuTh.....12:30pm- 1:45pm (TYD 1136) Magnetti, C
0401 W.....7:00pm- 9:40pm (KEY 0117) Magnetti, C

ENGL393 Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits
0001 MWF.....8:00am- 8:50am (KEY 0117) Perla, S
0101 MWF.....9:00am- 9:50am (DNC 1139B) Jones, E
0102 MWF.....9:00am- 9:50am (TLF 2103) Oswald, S
0103 MWF.....9:00am- 9:50am (TLF 1103) Procopiow, N
0201 MWF.....10:00am-10:50am (KEY 0121) Perla, S
0203 MWF.....10:00am-10:50am (KEY 0117) Jones, E
0204 MWF.....10:00am-10:50am (LEF 1220) Thirolf, M
0301 MWF.....11:00am-11:50am (TLF 1103) Perla, S
0302 MWF.....11:00am-11:50am (TLF 0108) Oswald, S
0303 MWF.....11:00am-11:50am (TLF 0102) Thirolf, M
0304 MWF.....11:00am-11:50am (TLF 2101) Jones, E
0401 MWF.....12:00pm-12:50pm (TLF 1102) Thirolf, M
0403 MWF.....12:00pm-12:50pm (LEF 1208) Procopiow, N
0404 MWF.....12:00pm-12:50pm (KEY 0119) Eckroad, T
0501 MWF.....1:00pm- 1:50pm (TLF 0108) Eckroad, T
0504 MWF.....1:00pm- 1:50pm (WDS 1131) Pauli, R
0602 MWF.....2:00pm- 2:50pm (DNC 1139B) Pauli, R
0603 MWF.....2:00pm- 2:50pm (TLF 0108) Eckroad, T
1001 TuTh.....8:00am- 9:15am (TLF 1103) Ching, E
1101 TuTh.....9:30am-10:45am (KEY 0117) McCauley-Evans,
1102 TuTh.....9:30am-10:45am (TLF 1103) Proedoehl, L
1104 TuTh.....9:30am-10:45am (KEY 0120) Schneiderman, B
1201 TuTh.....11:00am-12:15pm (TYD 1136) Ching, E
1202 TuTh.....11:00am-12:15pm (KEY 0120) Proedoehl, L
1203 TuTh.....11:00am-12:15pm (LEF 1208) Schneiderman, B
1204 TuTh.....11:00am-12:15pm (WDS 1127) Johnson, J
1301 TuTh.....12:30pm- 1:45pm (JMZ 2207) Ching, E
1304 TuTh.....12:30pm- 1:45pm (TLF 0108) Proedoehl, L
1305 TuTh.....12:30pm- 1:45pm (TWS 0135) McCauley-Evans,
1401 TuTh.....2:00pm- 3:15pm (KEY 0123) McCauley-Evans,
1502 TuTh.....3:30pm- 4:45pm (TLF 2101) Novotny, J
1602 M.....6:00pm- 8:40pm (TLF 1101) Neckere, E
1603 Tu.....6:00pm- 8:40pm (TLF 1102) Roblyer, P
1604 W.....6:00pm- 8:40pm (KEY 0103) Wappel, J
1605 Th.....6:00pm- 8:40pm (TLF 0101) Wappel, J
1606 W.....6:00pm- 8:40pm (TLF 2101) Lowderbaugh, T
1607 Tu.....6:00pm- 8:40pm (KEY 0117) Novotny, J

ENGL393H (PermReq) Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course is for students in the University Honors Program. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1103) Johnson, J

ENGL393X Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This satisfies the junior English requirement. — 3 credits
0001 MWF.....9:00am- 9:50am (ARM 0120) Waldman, J
0101 MWF.....11:00am-11:50am (TLF 2110) Waldman, J
0201 MWF.....12:00pm-12:50pm (KEY 0117) Schneider, M
0401 MWF.....2:00pm- 2:50pm (KEY 0119) Schneider, M
1001 TuTh.....8:00am- 9:15am (TLF 1104) Oliver, G
1002 TuTh.....9:30am-10:45am (TLF 1102) Oliver, G
1102 TuTh.....2:00pm- 3:15pm (ARC 1125) Oliver, G
1503 TuTh.....3:30pm- 4:45pm (ARC 1125) Magnetti, C

ENGL394 Business Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1104) Doyle, A
0201 MWF.....10:00am-10:50am (WDS 1131) Doyle, A
0301 MWF.....11:00am-11:50am (TLF 1102) Harris, E
0401 MWF.....12:00pm-12:50pm (WDS 1127) Doyle, A
0501 MWF.....1:00pm- 1:50pm (KEY 0121) Harris, E
0601 MWF.....2:00pm- 2:50pm (TLF 1104) Harris, E
0701 TuTh.....9:30am-10:45am (KEY 0123) Hendrickson, A
0702 TuTh.....9:30am-10:45am (ARC 1125) Cheong, M
0801 TuTh.....11:00am-12:15pm (KEY 0119) Hendrickson, A
0901 TuTh.....11:00am-12:15pm (ARC 1127) Fowler, J
1001 TuTh.....12:30pm- 1:45pm (ARC 1127) Fowler, J
1101 TuTh.....12:30pm- 1:45pm (JMZ 2120) Rice, E
1201 TuTh.....2:00pm- 3:15pm (ARM 0121) Rice, E
1601 Tu.....6:00pm- 8:40pm (TLF 1103) Mann, G
1602 W.....6:00pm- 8:40pm (KEY 0121) Perry, R

ENGL395 Technical Writing: Pre-Medical; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0110) Shannon, S

ENGL396 (PermReq) Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1101) Norman, H

ENGL397 (PermReq) Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1102) Jellema, R

ENGL399A (PermReq) Senior Seminar: Plays Within Plays, Hamlet to Equus; Grade Method: REG. — 3 credits
0101 MW.....9:30am-10:45am (TLF 0135) Dobin, H

ENGL399C (PermReq) Senior Seminar: Britain In The Age Of Revolution; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 3100) Carretta, V

ENGL399D (PermReq) Senior Seminar: American Autobiography; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 2137) Caramello, C

ENGL399E (PermReq) Senior Seminar: Commonwealth Literature; Grade Method: REG. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2137) Russell, J

ENGL399F (PermReq) Senior Seminar: American Indian Literature; Grade Method: REG. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2137) Norman, H

ENGL399G (PermReq) Senior Seminar: The Literature Of Aids; Grade Method: REG. — 3 credits
0101 MW.....1:00pm- 2:15pm (JRN 1101) Marcuse, M

ENGL399I (PermReq) Senior Seminar: Rhetoric of Style; Grade Method: REG. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0135) Fahnestock, J

ENGL399J (PermReq) Senior Seminar: The Family And American Drama; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1103) Robinson, J

ENGL399K (PermReq) Senior Seminar: Contemporary American Feminism in Literature and Culture; Grade Method: REG. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TLF 0102) Kauffman, L

ENGL399S (PermReq) Senior Seminar: Pioneer Women in American Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....1:00pm- 2:15pm (TLF 0135) Smith, M

ENGL399W (PermReq) Senior Seminar: The Romantic Long Poem; Grade Method: REG. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0138) Wang, O

ENGL399X (PermReq) Senior Seminar: Burke And Barthes; Grade Method: REG. For English honors students. — 3 credits
0101 MW.....11:00am-12:15pm (TLF 2137) Leinwand, T

ENGL399Y (PermReq) Senior Seminar: Shakespeare; Grade Method: REG. For English honors students. — 3 credits
0101 MW.....1:00pm- 2:15pm (TLF 2137) Trousdale, M

ENGL399Z (PermReq) Senior Seminar: The Sonnet; Grade Method: REG. For English honors students. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0135) Levin, P

ENGL402 Chaucer; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2126) Birdsall, E

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1103) Coogan, R
0201 MWF.....2:00pm- 2:50pm (TLF 1101) Coogan, R
0301 TuTh.....9:30am-10:45am (TLF 2101) Olmert, M
0401 TuTh.....11:00am-12:15pm (TLF 0102) Olmert, M

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 1104) Schoenbaum, S
0201 TuTh.....11:00am-12:15pm (TLF 1101) Grossman, M
0301 TuTh.....12:30pm- 1:45pm (TLF 1101) Grossman, M
0401 TuTh.....9:30am-10:45am (TLF 0102) Cartwright, K

ENGL414 Milton; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0103) Hamilton, G

ENGL416 Literature of the Eighteenth Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (TLF 1101) Winton, C

ENGL419A Major British Writers: Dickens; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0121) Moore, T

ENGL419B Major British Writers: Forster, Lawrence And Woolf; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1102) Panichas, G

ENGL424 Late Victorian and Edwardian Literature; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) Cate, G

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2101) Auerbach, J
0201 MWF.....2:00pm- 2:50pm (TLF 2103) Auerbach, J
0301 TuTh.....12:30pm- 1:45pm (TLF 2103) O'Sullivan, S
0401 TuTh.....11:00am-12:15pm (TLF 0110) O'Sullivan, S

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1103) Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TLF 1103) Schaller, H

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 2101) Subbaraman, S
0201 TuTh.....12:30pm- 1:45pm (TLF 0110) Subbaraman, S

ENGL446 Contemporary British and American Poetry; Grade Method: REG/P-F/AUD. Prerequisite: permission of department required for students with credit in ENGL 345. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0103) Jellema, R

ENGL453 Literary Criticism; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0103) Wang, O

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 1103) Salamanca, J

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0110) Pearson, B

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (KEY 0125) Herman, H

ENGL469 (PermReq) Alternative Traditions: Diversity in Oneness: The Making of African-American Communities; Grade Method: REG/P-F/AUD. — 5 credits
0101 MWF.....11:00am-12:30pm (TLF 0135) Peterson, C

ENGL477 Studies in Mythmaking; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1104) Flieger, V

ENGL479R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1101) Grant-Davie, K

ENGL482 History of the English Language; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0102) Coleman, L

ENGL488B Topics in Advanced Writing: Rhetorical Approaches to Fiction by African-American Women; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0103) Logan, S

ENGL488C Topics in Advanced Writing: Classic Prose Style; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1127) Turner, M

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1131) James, E

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TLF 0103) Miller, M

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....9:00am-11:00am (KEY 0120) Scheltema, M
Time and room to be arranged DIS
0301 TuTh.....12:30pm- 1:45pm (KEY 0120) Johnson, J

ENGL494 Editing and Document Design; Grade Method: REG. Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0117) Dangelo, D
0201 TuTh.....9:30am-10:45am (LEF 1210) Dangelo, D

ENGL498 (PermReq) Advanced Fiction Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0119) Salamanca, J

ENGL499 (PermReq) Advanced Poetry Writing Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....1:00pm- 3:30pm (TLF 3100) Collier, M

ENGL601 Literary Research and Critical Contexts; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 2137) Wang, O
Time and room to be arranged LAB

ENGL605 Readings in Linguistics; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (TLF 3100) Miller, M

ENGL621 Readings in Renaissance English Literature; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 1102) Hamilton, D

ENGL623 Readings Eighteenth-Century English Literature; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 0135) Carretta, V

ENGL626 Readings in American Literature Before 1865; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 0135) Vitzthum, R

ENGL627 Readings in American Literature, 1865-1914; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 3100) Caramello, C

ENGL688 (PermReq) Poetry Workshop; Grade Method: REG/AUD. 3 credits
0101 W.....5:00pm- 7:30pm (KEY 0123) Collier, M
0201 W.....5:00pm- 7:30pm (TLF 3100) Plumly, S

ENGL689 (PermReq) Fiction Workshop; Grade Method: REG/AUD. 3 credits
0101 W.....5:00pm- 7:30pm (TLF 0108) Kornblatt, J
0201 W.....5:00pm- 7:30pm (KEY 0125) Norman, H

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENGL719 (PermReq) Seminar in Renaissance Literature: Shakespeare the Poet from Stratford; Grade Method: REG/AUD. 3 credits
0101 M.....3:30pm- 6:00pm (TLF 2137) Trousdale, M

ENGL728 (PermReq) Seminar in Seventeenth-Century Literature: Paradise Lost and Paradise Regained; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (TLF 2137) Hamilton, G

ENGL729 Seminar in Eighteenth-Century Literature: The New Eighteenth Century; Grade Method: REG/AUD. 3 credits
0101 F.....12:30pm- 3:00pm (TLF 0135) McDowell, P
Time and room to be arranged DIS

ENGL738 (PermReq) Seminar in Nineteenth-Century Literature: Blake and Shelley; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 2137) Howard, J

ENGL748A Seminar in American Literature: The Early American Historical Novel; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 3100) Schaller, H

ENGL748B (PermReq) Seminar in American Literature: Modern Black Fiction; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TYD 1136) Washington, M

ENGL748D (PermReq) Seminar in American Literature: Modern American Poetry; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 2101) Wyatt, D

ENGL749A Studies in Twentieth-Century Literature: Commonwealth Literature; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 2137) Russell, J

ENGL749B (PermReq) Studies in Twentieth-Century Literature: Yeats and his Circle; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (KEY 0117) Loizeaux, E

ENGL758A (PermReq) Literary Criticism and Theory: Feminist Theory; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 0108) Kauffman, L

ENGL758B (PermReq) Literary Criticism and Theory: Literary Theory and the Teaching of Literature; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 2137) Handelman, S

ENGL768 Studies in Drama: Dramatic Literature Since 1950; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TLF 2137) Freedman, M

ENGL769A (PermReq) Studies in Fiction: Feminist Utopias; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 3100) Donawerth, J

ENGL769B (PermReq) Studies in Fiction: Gay and Lesbian Literature; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TLF 0135) Leonardi, S

ENGL779 (PermReq) Seminar in Language Study: Prose Style; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 0135) Turner, M

ENGL789 (PermReq) Form and Theory in Fiction; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 0135) Kornblatt, J

ENGL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENMA Engineering, Materials (Engineering)

ENMA464 (PermReq) Environmental Effects on Engineering Materials; Grade Method: REG/P-F/AUD. Prerequisite: ENES 230 or permission of both department and instructor. 3 credits
0101 TuTh.....6:30pm- 7:45pm (CHE 2116) Lashmore, D

ENMA471 (PermReq) Physical Chemistry of Engineering Materials; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2107) Ankem, S

ENMA473 Processing of Engineering Materials; Grade Method: REG/P-F/AUD. 3 credits
0101 TBA (CHE 1113) Arsenault, R

ENMA651 (PermReq) Electronic Structure of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 650. 3 credits
0101 TuTh.....5:00pm- 6:30pm (CHE 2136) Salamanca-Riba,

ENMA669 (PermReq) Special Topics in the Chemical Physics of Materials; Grade Method: REG/AUD. Prerequisite: ENMA 660. Advanced special students require department authorization. 3 credits
0101 MW.....6:30pm- 7:45pm (CHE 2116) Roytburd, A

ENMA671 (PermReq) Dislocations in Crystalline Materials; Grade Method: REG/AUD. Prerequisite: ENMA 650. Advanced special students require department authorization. 3 credits
0101 MW.....5:00pm- 6:30pm (CHE 2140) Arsenault, R

ENMA691 Special Topics in Engineering Materials; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 MW.....3:30pm- 5:00pm (CHE 2140) Lloyd, I

ENMA697 Seminar in Engineering Materials; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Roytburd, A

ENMA698 (PermReq) Special Problems in Engineering Materials; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENMA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENMA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) Mechanical Engineering Project; Grade Method: S-F. 1 credit
0101 M.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged LAB
0201 W.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged LAB
0301 F.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged LAB

ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 241. 3 credits
0101 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am-12:50pm (CHM 0124) DIS
0102 MW.....9:00am- 9:50am (EGR 1202) STAFF
W.....1:00pm- 2:50pm (CHE 2120) DIS
0103 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am-12:50pm (CHE 2145) DIS

ENME217 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisites: PHYS 262; and MATH 141. 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 2:50pm (CHE 2145) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am-12:50pm (EGR 0104) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....1:00pm- 2:50pm (EGR 2112) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 2:50pm (EGR 2112) DIS
0105 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am-12:50pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1116) STAFF
0201 MWF.....10:00am-10:50am (EGR 0108) STAFF
0301 MWF.....8:00am- 8:50am (EGR 0110) STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ENME 310. 1 credit
0101 F.....12:00pm-12:50pm (CHM 0115) STAFF
M.....11:00am- 1:00pm (EGL 0126) LAB
0102 F.....12:00pm-12:50pm (CHM 0115) STAFF
M.....1:30pm- 3:30pm (EGL 0126) LAB
0103 F.....12:00pm-12:50pm (CHM 0115) STAFF
W.....11:00am- 1:00pm (EGL 0126) LAB
0104 F.....12:00pm-12:50pm (CHM 0115) STAFF
W.....1:30pm- 3:30pm (EGL 0126) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) STAFF
0301 MWF.....11:00am-11:50am (EGR 1126) STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141; and PHYS 262. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2112) STAFF
0201 MWF.....10:00am-10:50am (CHM 0122) STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD. Prerequisite: ENME 342. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 1126) STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0201 TuTh.....11:00am-12:15pm (EGR 0110) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ENME 342. 1 credit
0101 M.....12:00pm-12:50pm (CHM 1402) STAFF
M.....1:00pm- 3:00pm (EGR 0104) LAB
0102 M.....12:00pm-12:50pm (CHM 1402) STAFF
Tu.....1:00pm- 3:00pm (EGR 0104) LAB
0103 M.....12:00pm-12:50pm (CHM 1402) STAFF
W.....1:00pm- 3:00pm (EGR 0104) LAB
0104 M.....12:00pm-12:50pm (CHM 1402) STAFF
Th.....1:00pm- 3:00pm (EGR 0104) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and MATH 246. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD. Prerequisites: ENME 380; and ENEE 300. 3 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) STAFF
Tu.....12:30pm- 3:30pm (EGL 0126) LAB
0103 TuTh.....11:00am-11:50am (CHE 2108) STAFF
Th.....12:30pm- 3:30pm (EGL 0126) LAB
0104 TuTh.....11:00am-11:50am (CHE 2108) STAFF
F.....12:30pm- 3:30pm (EGL 0126) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2112) STAFF
0201 TuTh.....9:30am-10:45am (EGR 2112) STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD. Corequisite: ENME 310. 3 credits
0101 MWF.....10:00am-10:50am (EGR 0110) STAFF
0201 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD. Prerequisites: ENEE 300; and ENME 360. Senior standing. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1104) STAFF
0201 MWF.....10:00am-10:50am (EGR 3106) STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 400 or ENME 405; and senior standing in mechanical engineering. Limited to May graduates. 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2110) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2110) LAB

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD. Prerequisite: senior standing in mechanical engineering. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME408 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 205; and MATH 241 or equivalent. Design technical elective. Special permission required from instructor. 3 credits
0201 MWF.....10:00am-10:50am (EGR 2112) STAFF

ENME415 (PermReq) Engineering Applications of Solar Energy; Grade Method: REG/P-F/AUD. Prerequisites: ENME 315; and ENME 321. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0110) STAFF

ENME422 (PermReq) Energy Conversion II; Grade Method: REG/P-F/AUD. Prerequisite: ENME 315. 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 2112) STAFF

ENME470 (PermReq) Finite Element Analysis; Grade Method: REG/P-F/AUD. Prerequisites: ENME 310; and ENME 321. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME475 (PermReq) Robotics; Grade Method: REG/P-F/AUD. Prerequisites: ENME 360; and ENEE 300. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD. Senior standing in mechanical engineering. Limited to May graduates. 3 credits
0101 F.....1:00pm- 1:50pm (CHM 1402) STAFF
MW.....1:00pm- 3:30pm (CHE 2110) LAB

ENME488 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. 3 credits

ENME488Q (PermReq) Special Problems: Life Cycle Engineering; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 2202) Paskowitz, S

ENME489 (PermReq) Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENME489S (PermReq) Special Topics in Mechanical Engineering: Introduction to Experimental Stress Analysis; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0110) STAFF

ENME615 (PermReq) Manufacturing Resource Planning Systems; Grade Method: REG/AUD. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1102) STAFF

ENME632 Advanced Convection Heat Transfer; Grade Method: REG/AUD. Prerequisites: [ENME 315; and ENME 321; and ENME 342; and ENME 343; and ENME 700 or equivalent] or permission of instructor. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENME635 Energy Systems Analysis; Grade Method: REG/AUD. Prerequisites: ENME 633 or equivalent or permission of instructor. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1102) STAFF

ENME641 Viscous Flow; Grade Method: REG/AUD. Prerequisite: ENME 651 or equivalent or permission of instructor. Formerly ENME 652. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) STAFF

ENME657 Analysis of Turbulent Flow; Grade Method: REG/AUD. Prerequisites: [ENME 651; and ENME 652 or equivalent] or permission of instructor. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF

ENME662 Linear Vibrations; Grade Method: REG/AUD. 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 2107) STAFF

ENME670 Continuum Mechanics; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0104) STAFF

ENME678 Fracture Mechanics; Grade Method: REG/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENME703 Mechanical Engineering Laboratory; Grade Method: REG/AUD. Prerequisite: an undergraduate course in instrumentation or equivalent. 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 0104) STAFF

ENME788X Seminar; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENME808 (PermReq) Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged STAFF

ENME808E Advanced Topics in Mechanical Engineering: Electrical Mechanical Design; Grade Method: REG/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0104) STAFF

ENME808F Advanced Topics in Mechanical Engineering: Finite Element Methods; Grade Method: REG/AUD. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 0110) STAFF

ENME808K Advanced Topics in Mechanical Engineering: Computer-Aided Manufacturing; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0110) STAFF

ENME808L Advanced Topics in Mechanical Engineering: Advanced Topics in Control Systems; Grade Method: REG/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1108) STAFF

ENME808U Advanced Topics in Mechanical Engineering: Engineering Optimization II; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (ITV 1100) STAFF

ENME899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENNU Engineering, Nuclear (Engineering)

ENNU215 (PermReq) Introduction to Nuclear Technology; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141; and PHYS 161. 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2140) Chappas, W

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 241 or MATH 246; and PHYS 263] or permission of both department and instructor. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU320 (PermReq) Nuclear Reactor Operation; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-11:50am (CHE 2136) Ebert, D
M.....4:30pm- 6:30pm (CHE 1308) LAB
0103 MW.....11:00am-11:50am (CHE 2136) Ebert, D
Th.....1:00pm- 3:00pm (CHE 1308) LAB
0104 MW.....11:00am-11:50am (CHE 2136) Ebert, D
Th.....4:00pm- 6:00pm (CHE 1308) LAB
0105 MW.....11:00am-11:50am (CHE 2136) Ebert, D
F.....9:00am-11:00am (CHE 1308) LAB

ENNU435 (PermReq) Activation Analysis; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 215 or permission of both department and instructor. 3 credits
0101 MW.....9:00am-11:00am (CHE 2116) Duffey, D

ENNU455 (PermReq) Nuclear Reactor Engineering II; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 450. 3 credits
0101 TuTh.....4:45pm- 6:00pm (CHE 2145) Lee, R

ENNU460 (PermReq) Nuclear Heat Transport; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 450. 3 credits
0101 W.....5:30pm- 8:00pm (CHM 2201) Massoud, M

ENNU465 (PermReq) Nuclear Reactor Systems Analysis; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 246; and PHYS 263; and ENNU 455] or permission of department. 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHE 2120) Pertmer, G

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ENNU468F (PermReq) Research: Design in Nuclear Engineering; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Pertmer, G

ENNU490 (PermReq) Nuclear Fuel and Power Management; Grade Method: REG/P-F/AUD. Prerequisites: [ENNU 460; and ENNU 480] or permission of both department and instructor. 3 credits
0101 TuTh.....1:00pm- 2:15pm (CHE 2118) Graves Jr., H

ENNU609 Seminar in Nuclear Engineering; Grade Method: REG/AUD. 1 credit

0101 Tu.....11:00am-11:50am (CHE 2117) Modarres, M

ENNU630 Nuclear Reactor Physics I; Grade Method: REG/AUD. Prerequisite: ENNU 450 or permission of both department and instructor. 3 credits
0101 MW.....5:15pm- 6:30pm (CHE 2118) Almenas, K

ENNU648 Special Problems in Nuclear Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENNU648I Special Problems in Nuclear Engineering: Severe Accident Phenomena; Grade Method: REG/AUD. 3 credits
0101 Th.....5:30pm- 8:00pm (CHE 2140) Modarres, M

ENNU655 Radiation Engineering; Grade Method: REG. Prerequisite: permission of both department and instructor. 3 credits
0101 Tu.....6:45pm- 9:30pm (CHE 2140) Chappas, W

ENNU761 Nuclear Fuel and Waste Processing; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (CHE 2145) Duffey, D

ENRE Reliability Engineering (Engineering)

ENRE607 (PermReq) Reliability Engineering Seminar; Grade Method: REG/AUD. 1 credit
0101 Th.....5:15pm- 6:15pm (CHE 2120) Modarres, M

ENRE648 (PermReq) Special Problems in Reliability Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENRE663 (PermReq) Advanced Reliability and Maintainability Engineering; Grade Method: REG/AUD. Prerequisite: ENRE 462. 3 credits
0101 W.....6:30pm- 9:00pm (ITV 1111) Weiss, D

ENRE665 (PermReq) Advanced Methods in Reliability Modeling; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (ITV 1111) Mosleh, A

ENRE670 (PermReq) Risk Assessment for Engineers; Grade Method: REG/AUD. Prerequisite: ENRE 470. 3 credits
0101 Tu.....6:30pm- 9:00pm (EGR 1102) Modarres, M

ENRE680 (PermReq) Advanced Product Assirance; Grade Method: REG/AUD. Prerequisites: ENRE 462 and ENRE 470. 3 credits
0101 Th.....6:30pm- 9:00pm (CHE 2120) Raheja, D

ENRE799 (PermReq) Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENRE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENSE Systems Engineering (Engineering)

ENSE603 Systems Engineering Principles; Grade Method: REG. 3 credits
0101 M.....6:30pm- 9:10pm (CHE 2140) Asbjornsen, O

ENSE610 Trade-Off Analysis; Grade Method: REG. Prerequisites: STAT 400 or equivalent, or permission of instructor. 3 credits
0101 Tu.....6:30pm- 9:10pm (CHE 2120) STAFF

ENSE611 Systems Cost Engineering; Grade Method: REG. Prerequisites: STAT 400 or equivalent, or permission of instructor. 3 credits
0101 W.....7:00pm- 9:40pm (EGR 1110) STAFF

ENSE799 Master's Thesis Research; Grade Method: REG. 1-6 credits
0101 Time and room to be arranged Asbjornsen, O

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Armstrong, E

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ENTM423 Insect Comparative Morphology; Grade Method: REG/P-F/AUD. Prerequisite: ENTM 205. 4 credits
0101 TuTh.....1:00pm- 4:00pm (SYM 2303) Messersmith, D

ENTM432 Insect Physiology; Grade Method: REG/P-F/AUD. Prerequisite: ENTM 205; and CHEM 233; and CHEM 243; or permission of department. 4 credits
0101 MWF.....8:00am- 8:50am (SYM 1308) Ma, M
F.....10:00am-12:00pm (SYM 2300) LAB

ENTM612 Insect Ecology; Grade Method: REG/AUD. Prerequisite: a course in general ecology or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (SYM 1308) Denno, R

ENTM652A Laboratory Methods in Toxicology; Grade Method: REG/AUD. Pre- or corequisite: ENTM 653 or MEES 641 or permission of department. 2 credits
0101 W.....1:00pm- 5:00pm (SYM 2300) LAB Nelson, J

ENTM652B Laboratory Methods in Toxicology; Grade Method: REG/AUD. Pre- or corequisite: ENTM 653 or MEES 641 or permission of department. 1 credit
0101 Meets 01/22/91 - 03/13/91 Nelson, J
W.....1:00pm- 5:00pm (SYM 2300) LAB

ENTM653 Toxicology of Insecticides; Grade Method: REG/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (SYM 1308) Nelson, J

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM788B Entomological Topics: Development and Evolution; Grade Method: REG/AUD. 2 credits
0101 MW.....10:00am-10:50am (ZOP 1228) Regier, J

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Hellman, J
0201 Time and room to be arranged Dively II, G

ENTM798A Topic Seminar: Biosystematics and Morphology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798C Topic Seminar: Physiology and Toxicology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Ma, M

ENTM798D Topic Seminar: Insect Pest Management; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Raupp, M

ENTM798E Topic Seminar: Medical and Veterinary Entomology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Scott, T

ENTM799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FDSC Food Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

FDSC386 Field Work; Grade Method: REG/P-F/AUD. Corequisite: FDSC 387. 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC387 Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: FDSC 386. 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC398 Seminar; Grade Method: REG. FDSC majors only. 1 credit
0101 Time and room to be arranged Wheaton, F

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC412 Principles of Food Processing I; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 2:50pm (HZF 1108) Wiley, R
W.....3:00pm- 5:00pm (HZF 0113) LAB

FDSC430 Food Microbiology; Grade Method: REG/AUD. Prerequisite: MICB 200 or equivalent. 2 credits
0101 Th.....9:30am-10:45am (ANS 1109) Westhoff, D

FDSC461 Technology of Market Eggs and Poultry; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:00pm-12:50pm (ANS 1109) Heath, J
F.....12:00pm- 2:00pm (ANS 1150) LAB

FDSC482 Seafood Products Processing; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 261 or permission of department. 3 credits
0101 Tu.....6:00pm- 8:30pm (ANS 1109) Chai, T

FDSC689I Seminar in Food Science: Food Industry Regulations; Grade Method: REG/AUD. 3 credits
0101 M.....6:00pm- 8:45pm (HZF 1108) Pohland, A

FDSC698 Colloquium in Food Science; Grade Method: REG. Majors only. 1 credit
0101 Tu.....4:00pm- 4:50pm (HJP 1216) Bean, G

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) Drake, V

FMCD202 Methods for Family, Community and Management Studies; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1400) Wallen, J

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0220) Hanna, W

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 105 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0112) Rubin, R

FMCD330 Family Patterns; Grade Method: REG. USP Distributive Studies Area A Course. Junior standing. 3 credits
0201 MWF.....2:00pm- 2:50pm (MMH 1304) Randolph, S

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 105 or PSYC 100. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) Millstein, F

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department advisor or instructor for application procedure. Completed and approved application deadline is Dec. 1. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in FMCD 349 required. 4 credits

FMCD349 (PermReq) Analysis of Practicum; Grade Method: REG/P-F/AUD. Seminar accompanying FMCD 348. See information on FMCD 348. Enrollment in FMCD 349 is mandatory if enrolled in FMCD 348. 1 credit
0101 W.....10:00am-12:00pm (MMH 1206) Millstein, F

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 201; or SOCY 100; or SOCY 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0109) Koblinsky, S

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; or ECON 205; or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 0108) Churaman, C
0201 MWF.....10:00am-10:50am (MMH 0108) Churaman, C

FMCD443 Consumer Problems; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; or ECON 205; or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0101) Churaman, C

FMCD444 Human and Community Program Management; Grade Method: REG/P-F/AUD. Senior standing. 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 0108) Wallen, J

FMCD485 Introduction to Family Counseling; Grade Method: REG/P-F/AUD. Prerequisites: FMCD 431; or PSYC 331; or PSYC 335; or permission of department. 3 credits
0101 M.....11:00am- 2:00pm (MMH 1206) Werlinich, C

FMCD497 The Child and the Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Myricks, N

FMCD499N Special Topics: Advanced Family Mediation; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....6:00pm- 8:45pm (MMH 1206) Myricks, N

FMCD499Y (PermReq) Special Topics: Evaluation of Family and Community Development Programs; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Hanna, W

FMCD602 Human and Community Management: Theory and Research; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 0108) Wallen, J

FMCD604 Integrative Aspects of Family and Community Development; Grade Method: REG/AUD. 3 credits
0101 Th.....2:00pm- 5:00pm (MMH 1206) Gaylin, N

FMCD610 (PermReq) Research Methods for Family and Community Development; Grade Method: REG/AUD. Prerequisite: satisfactory completion of department competency examination in statistics or an approved statistics course. 3 credits
0101 Tu.....3:00pm- 6:00pm (MMH 1206) Koblinsky, S

FMCD641 (PermReq) The Dynamics of Couple Therapy; Grade Method: REG/AUD. Prerequisite: FMCD 640. 3 credits
0101 Th.....9:00am-11:45am (MMH 1312) Epstein, N

FMCD651 (PermReq) Clinical Practicum in Family Therapy I; Grade Method: REG/AUD. Prerequisite: FMCD 650. Limited to students admitted to the family therapy practicum. 3 credits
0101 Tu.....9:00am-11:45am (MMH 1312) Epstein, N

FMCD653 (PermReq) Clinical Practicum in Family Therapy III; Grade Method: REG/AUD. Prerequisite: FMCD 652. Limited to students admitted to the family therapy practicum. 3 credits
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD661 Evaluation of Family and Community Development Programs; Grade Method: REG/AUD. 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Hanna, W

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD698C (PermReq) Advanced Topics in Family and Community Development: Black Church Project; Grade Method: REG. 1-3 credits
0101 Time and room to be arranged Billingsley, A

FMCD698N (PermReq) Advanced Topics in Family and Community Development: Special Topics: Advanced Family Mediation; Grade Method: REG/AUD. 3 credits
0101 M.....6:00pm- 8:45pm (MMH 1206) Myricks, N

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

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FOLA Foreign Language (Arts and Humanities)

FOLA109K Elementary Foreign Languages II: Directed Study of a Foreign Language: Reading for Speakers of Korean; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 108K (Introductory Reading for Speakers of Korean) or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2102) STAFF

SELF-INSTRUCTIONAL LANGUAGE PROGRAM. The program is essentially self-instructional. The student supplies a blank tape and in return receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside JMZ 4117.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits

0101 Time and room to be arranged MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged DIS

FOLA138V (PermReq) Directed Study of a Foreign Language I: Directed Study of a Foreign Language I: Armenian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139A (PermReq) Directed Study of a Foreign Language II: Hungarian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139C (PermReq) Directed Study of a Foreign Language II: Modern Greek II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139D (PermReq) Directed Study of a Foreign Language II: Dutch II; Grade Method: REG/P-F/AUD. By permission only. Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139F (PermReq) Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged LAB

FOLA139K (PermReq) Directed Study of a Foreign Language II: Persian II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139R (PermReq) Directed Study of a Foreign Language II: Turkish II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA139S (PermReq) Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139V (PermReq) Directed Study of a Foreign Language II: Directed Study of a Foreign Language II: Armenian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138D or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138F or permission of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138K or permission of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149A (PermReq) Directed Study of a Foreign Language IV: Hungarian IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W
Time and room to be arranged LAB

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA149D (PermReq) Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149F (PermReq) Directed Study of a Foreign Language IV: Polish IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form(available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149Q (PermReq) Directed Study of a Foreign Language IV: Norwegian IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148Q or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Modern Greek; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA158D (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Dutch; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158F (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Polish; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158K (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Persian; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD. Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA158R (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Turkish; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158S (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159C (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159F (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Polish; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159K (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Persian; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159S (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Egyptian Arabic; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: FOLA 387. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOLA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: FOLA 386. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOOD Food (Human Ecology)

FOOD110 Food for People; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 MWF.....12:00pm-12:50pm (ARM 0112) Cook, P

FOOD250 (PermReq) Science of Food II; Grade Method: REG/P-F/AUD. Prerequisite: FOOD 240. 3 credits
0101 TuTh.....1:00pm- 1:50pm (MHH 3418) Curtis, S
M.....2:00pm- 5:00pm (MHH 3401) LAB
0102 TuTh.....1:00pm- 1:50pm (MHH 3418) Curtis, S
Th.....2:00pm- 5:00pm (MHH 3401) LAB

FOOD498M Selected Topics: Food Microbiology Laboratory; Grade Method: REG/P-F/AUD. 2 credits
0101 Time and room to be arranged Karahadian, C

FOOD630 Sensory Evaluation of Foods; Grade Method: REG/AUD. Prerequisites: FOOD 450 or equivalent; and a statistics course. 3 credits
0101 TuTh.....6:30pm- 7:45pm (MHH 3418) Karahadian, C

FOOD645 Advances in Food Lipids; Grade Method: REG/AUD. Prerequisite: FOOD 440 or equivalent. 3 credits
0101 M.....6:00pm- 8:45pm (MHH 0108) Choi, Y

FOOD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MHH 3418) Castonguay, T

FOOD688 Seminar; Grade Method: REG/AUD. 1 credit
0101 Tu.....4:00pm- 4:50pm (MHH 3418) Read, M

FOOD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD888 Doctoral Seminar; Grade Method: REG/AUD. 1 credit
0101 F.....2:00pm- 4:00pm (MHH 0108) Read, M

FOOD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FREN French (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students with 2 or more years of high-school level French. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0103) STAFF
Th.....9:00am- 9:50am (JMZ 0103)
Tu.....9:00am- 9:50am (JMZ 1220) LAB
0201 MWThF.....11:00am-11:50am (JMZ 0103) STAFF
Tu.....11:00am-11:50am (JMZ 1220) LAB
0301 MWThF.....1:00pm- 1:50pm (JMZ 0103) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1220) LAB

FREN102 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 101 at UMCP or permission of department. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0118) STAFF
Th.....8:00am- 8:50am (JMZ 1220) LAB
0201 MTuWF.....9:00am- 9:50am (JMZ 0118) STAFF
Th.....9:00am- 9:50am (JMZ 1220)
0301 MTuWF.....11:00am-11:50am (JMZ 0118) STAFF
Th.....11:00am-11:50am (JMZ 1220) LAB

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students who have had at least two years of high-school 4 credits

French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103. Students must show high school transcript.
0101 MWThF.....8:00am- 8:50am (JMZ 0122) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0122) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0122) STAFF
0401 MWThF.....11:00am-11:50am (JMZ 0122) STAFF

FREN203 Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0125) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 2125) STAFF
0301 MTuWF.....11:00am-11:50am (JMZ 2120) STAFF
0401 MTuWF.....12:00pm-12:50pm (JMZ 0118) STAFF
0501 MWF.....1:00pm- 1:50pm (JMZ 0118) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0118)

FREN203H Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 4 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 2122) Jacoby, B

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: FREN 203 or permission of department. — 3 credits
0101 MWF.....8:00am- 8:50am (JMZ 2120) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 2122) STAFF
0301 TuTh.....9:30am-10:45am (JMZ 2122) STAFF

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. Not open to native speakers. Prerequisite: FREN 203 or permission of department. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0125) STAFF
0201 TuTh.....12:30pm- 1:45pm (JMZ 2123) STAFF

FREN240 Masterworks of French Literature in Translation; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2206) Fink, B
0201 MWF.....10:00am-10:50am (HZF 1101) Fink, B

FREN242 Black Writers of French Expression in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3120) Black, C

FREN250 Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 203 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2125) Demaitre, A
0201 MWF.....12:00pm-12:50pm (JMZ 3118) Brami, J
0301 TuTh.....12:30pm- 1:45pm (JMZ 3120) Ancekewicz, E

FREN250H Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 203 or equivalent. Honors. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2125) Demaitre, A

FREN301 Composition and Style; Grade Method: REG/P-F/AUD. Prerequisite: FREN 204 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3120) STAFF

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD. Prerequisite: FREN 301 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2125) Joseph, J

FREN311 Advanced Comprehension and Expression in French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 211 or permission of department. Not open to native speakers of French. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2123) Ancekewicz, E

FREN312 French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to native speakers of French. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Therrien, M

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2125). Demaitre, A

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2125) Demaitre, A

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0125) Therrien, M

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0125) Therrien, M

FREN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FREN 387. — 1-3 credits

FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: FREN 386. — 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman. — 1 credit

FREN399 (PermReq) Directed Study in French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details. — 1-3 credits

FREN402 Advanced Grammar and Phonetics; Grade Method: REG/P-F/AUD. Prerequisite: FREN 301 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Joseph, J

FREN406 Business and Commercial French; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1103) Verdaguer, P

FREN429 Studies in French Literature of the Renaissance: Readings in the French Renaissance; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3120) Ancekewicz, E

FREN429H Studies in French Literature of the Renaissance: Readings in the French Renaissance; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3120) Ancekewicz, E

FREN449 Studies in 18th Century French Literature: Literature of the Enlightment; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0103) Fink, B

FREN449H Studies in 18th Century French Literature: Literature of the Enlightment; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0103) Fink, B

FREN473 Contemporary French Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2123) Verdaguer, P

FREN473H Contemporary French Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2123) Verdaguer, P

FREN479A Masterworks of French Literature in Translation: The Age of Anxiety - The Literature of Existentialism and the Absurd; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0105) Tarica, R

FREN489 Pro-Seminar in Themes or Movements of French Literature: French Poetry; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3120) Brami, J
1001 Time and room to be arranged STAFF

FREN489H Pro-Seminar in Themes or Movements of French Literature: French Poetry; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3120) Brami, J
1001 Time and room to be arranged STAFF

FREN494H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN499 Special Topics in French Studies; Grade Method: REG/P-F/AUD. — 3 credits
0901 Time and room to be arranged Joseph, J

FREN679A The History of Ideas in France: Ecritures Feminines: textes et theories; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:30pm (JMZ 3118) Hage, M

FREN679B The History of Ideas in France: Amour Et Erotisme des troubadours a la Pleiade; Grade Method: REG/AUD. — 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) MacBain, W

FREN679C The History of Ideas in France: Nature-Denaturation Artificial; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 5:30pm (JMZ 0118) Fink, B

FREN709 College Teaching of French; Grade Method: S-F. — 1 credit
0101 Tu.....5:00pm- 6:00pm (JMZ 2123) Verdaguer, P

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FREN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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FSAD Foodservice Administration (Human Ecology)

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD. Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300; and MICB 200. — 5 credits
0101 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Th.....8:00am- 1:00pm (MMH 3108) LAB

FSAD415 Foodservice Cost Accounting; Grade Method: REG/P-F/AUD. Prerequisite: FSAD 350. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (MMH 3108) Norton, V
W.....1:00pm- 4:00pm (MMH 3108) LAB

FSAD440 Foodservice Personnel Administration; Grade Method: REG/P-F/AUD. Prerequisite: FSAD 350. Offered spring semesters only. — 2 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 0108) Norton, V

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F. Prerequisites: FSAD 350 and permission of department. — 3 credits
0101 F.....2:00pm- 5:00pm (MMH 3418) Norton, V

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, five hours in FSAD courses and permission of department. — 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD498C (PermReq) Selected Topics: Conference Center Foodservice; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:00am- 9:50am (MMH 3418) Noble, J
Time and room to be arranged LAB

FSAD498F (PermReq) Selected Topics: Conference Center Management; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....4:00pm- 6:00pm (MMH 3418) Noble, J
Time and room to be arranged LAB

FSAD600 Foodservice Administration; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 5:00pm (MMH 3112) Noble, J

FSAD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Castonguay, T

FSAD678A (PermReq) Selected Topics in Foodservice Administration: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD688 Seminar; Grade Method: REG/AUD. — 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Read, M

FSAD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD888 Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FSAD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GEOG Geography (Behavior & Social Sci)

GEOG140 Coastal Environments; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S

GEOG170 Maps and Map Use; Grade Method: REG/P-F/AUD. USP Area B Distributive Studies Non-lab Science and Mathematics Course. If taken with GEOG 171, course may be counted as USP Area B Lab Science Course. — 3 credits
0101 Tu.....4:00pm- 6:40pm (LEF 2205) Wiedel, J

GEOG171 Maps and Map Use Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: GEOG 170. One two-hour lab per week. — 1 credit
0101 Tu.....2:00pm- 4:00pm (LEF 1138) LAB Wiedel, J
0201 W.....4:00pm- 6:00pm (LEF 1138) LAB Wiedel, J
0301 Th.....2:00pm- 4:00pm (LEF 1138) LAB Wiedel, J

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOG 211, course may be counted as USP Area B Lab Science Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0117) Marcus, W

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2205) Mitchell, R

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. One two-hour lab per week. — 1 credit
0101 Tu.....3:30pm- 5:30pm (LEF 1221) LAB Marcus, W
0201 F.....9:00am-11:00am (LEF 1179) LAB Marcus, W
0301 F.....1:00pm- 3:00pm (LEF 1222) LAB Marcus, W

GEOG305 Quantitative Methods in Geography; Grade Method: REG/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1222) Kovacs, M

GEOG310 Research and Writing in Geography; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 305. Course satisfies the upper level English composition requirement for geography majors only. — 3 credits
0101 Th.....2:00pm- 4:30pm (LEF 1179) Fonaroff, L
0201 W.....1:30pm- 4:00pm (LEF 1179) Townshend, J

GEOG323 South America; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1222) Chaves, A

GEOG326 Africa; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1220) Prince, S

GEOG340 Geomorphology; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1222) Kearney, M

GEOG370 Principles of Cartography; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:40pm (LEF 1138) Frieswyk, H
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1221) Goward, S
W.....12:00pm- 2:00pm (LEF 1138) LAB
0102 M.....12:00pm- 2:00pm (LEF 1221) Goward, S
F.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG384 Internship in Geography; Grade Method: (PermReq) REG/P-F/AUD. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG398 Honors Research; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Townshend, J

GEOG399 Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 398. — 3 credits
0101 Time and room to be arranged Townshend, J

GEOG416 Overseas European Colonization and the Third World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1220) Mitchell, R

GEOG421 Cultural Ecology; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 2208) Fonaroff, L

GEOG422 Population Geography; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 1221) Christian, C

GEOG446 (PermReq) Applied Climatology; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 345 or permission of department. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1221) Dubayah, R

GEOG454 Washington, D.C.: Past and Present; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1179) Groves, P

GEOG462 Water Resources Policy and Planning; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1101) Marcus, W

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 370. — 3 credits
0101 M.....4:00pm- 6:40pm (LEF 1138) Wiedel, J
Time and room to be arranged LAB

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department. — 3 credits
0101 Th.....6:30pm- 9:10pm (LEF 1179) Broome, F

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG498C (PermReq) Topical Investigations: Computers and Geographical Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (LEF 1124) Thompson, D

GEOG498G (PermReq) Topical Investigations: Computer Graphics on the Micro Computer; Grade Method: REG/P-F/AUD. See instructor in Room 0218 LeFrak to develop individual learning contract. Short course format. — 1-3 credits
0101 M.....1:30pm- 4:00pm (LEF 1124) Eney, A

GEOG498T (PermReq) Topical Investigations: Technological and Natural Hazards in a Geographic Setting; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (WDS 1130) Brodsky, H

GEOG605 (PermReq) Quantitative Spatial Analysis; Grade Method: REG/AUD. Prerequisite: GEOG 305; and GEOG 483, or permission of department. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1179) Brodsky, H

GEOG610 (PermReq) Research Tutorial; Grade Method: REG/AUD. Prerequisite: GEOG 600; and permission of department. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1208) Groves, P

GEOG615 Geomorphology; Grade Method: REG/AUD. Prerequisite: GEOG 440 or permission of department. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1221) Kearney, M

ENROLLMENT IN ALL GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE FALL 1990 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

GEOG618A Seminar in Geomorphology: Applied Coastal Seminar; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1179) — Leatherman, S

GEOG696 Design for Geographic Information Systems; Grade Method: REG/AUD. Prerequisite: GEOG 482 or permission of department. — 3 credits
0101 Tu.....6:30pm- 9:00pm (LEF 1179) — Thompson, D

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG788B Selected Topics in Geography: Advanced Biogeography Seminar; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 2208) — Prince, S

GEOG788R Selected Topics in Geography: Remote Sensing Seminar; Grade Method: REG/AUD. Prerequisite: GEOG 480 or equivalent. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) — Goward, S

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG790 Internship in Geography; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOL 110, course can be counted as USP Area B Lab Science Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 0226) — STAFF
0201 TuTh.....2:00pm- 3:15pm (HJP 0226) — Wylie, A

GEOL102 Historical Geology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: GEOL 100 or GEOL 101. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1238) — Stifel, P
F.....1:00pm- 4:00pm (GEO 2107) LAB

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F. Pre- or corequisite: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. — 1 credit
0101 W.....2:00pm- 5:00pm (GEO 2106) LAB — STAFF
0201 M.....1:00pm- 4:00pm (GEO 2106) LAB — STAFF
0301 Tu.....9:00am-12:00pm (GEO 2106) LAB — STAFF
0401 Tu.....1:00pm- 4:00pm (GEO 2106) LAB — STAFF
0501 Th.....9:00am-12:00pm (GEO 2106) LAB — STAFF
0601 Th.....3:30pm- 6:30pm (GEO 2106) LAB — STAFF
0701 W.....9:00am-12:00pm (GEO 2106) LAB — STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HJP 0226) — Segovia, A

GEOL301 Evolution in Geology; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: a college-level physical or biological science course with laboratory. — 3 credits
0101 MW.....10:00am-10:50am (TYD 0117) — Candela, P
M.....11:00am-11:50am (JRN 1104) DIS
0102 MW.....10:00am-10:50am (TYD 0117) — Candela, P
F.....10:00am-10:50am (ZOP 1236) DIS

GEOL322 Mineralogy; Grade Method: REG/P-F. Prerequisite: GEOL 110 and CHEM 103. — 4 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) — Chang, L
Tu.....9:30am-12:30pm (GEO 2107) LAB

GEOL341 Structural Geology; Grade Method: REG/P-F. Prerequisite: GEOL 102 or permission of department. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0105) — McLellan, E
W.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL342 Sedimentation and Stratigraphy; Grade Method: REG/P-F. Prerequisite: GEOL 322 or permission of department. — 4 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0115) — Prestegaard, K
M.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL375 General Oceanography; Grade Method: REG/P-F/AUD. Formerly GEOL 475. — 3 credits
0101 Tu.....6:00pm- 9:00pm (PHY 4220) — Orem, W

GEOL393 Technical Writing for Geoscientists; Grade Method: REG. Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only. — 3 credits
0101 M.....4:00pm- 6:00pm (HBK 0117) — Stifel, P
W.....4:00pm- 6:00pm (GEO 1120)

GEOL394 Research Problems in Geology; Grade Method: REG. Prerequisite: GEOL 393. — 3 credits
0101 M.....4:00pm- 6:00pm (HBK 0117) — Stifel, P
W.....4:00pm- 6:00pm (GEO 1120)

GEOL410 Industrial Rocks and Minerals; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 322. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (GEO 1120) — Chang, L

GEOL432 Biostratigraphy; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 331. — 3 credits
0101 WF.....8:00am-10:00am (GEO 2107) — Stifel, P
W.....10:00am- 1:00pm (GEO 2107) LAB

GEOL443 Petrology; Grade Method: REG/P-F. Prerequisite: GEOL 322. — 3 credits
0101 MF.....8:00am- 8:50am (GEO 2117) — Walker, R
M.....9:00am- 1:00pm (GEO 2117) LAB

GEOL462 Geological Remote Sensing; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 341 and GEOL 342. — 3 credits
0101 TuTh.....3:30pm- 6:00pm (GEO 2107) — Segovia, A

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL499B Special Problems in Geology: Hydrogeology; Grade Method: REG. — 3 credits
0101 TuTh.....9:30am-10:45am (GEO 1120) — Prestegaard, K

GEOL499N Special Problems in Geology: Geology of North America's National Parks; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1202) — Ridky, R

GEOL614 Thermodynamics of Geological Processes; Grade Method: REG/AUD. Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142. — 3 credits
0101 MW.....1:30pm- 3:00pm (GEO 2107) — Candela, P

GEOL632 Biostratigraphy and Paleoecology; Grade Method: REG/AUD. Prerequisite: GEOL 432. — 3 credits
0101 WF.....9:00am-10:00am (GEO 2107) — Stifel, P
W.....10:00am- 1:00pm (GEO 2107) LAB

GEOL789P Recent Advances in Geology: Crustal Petrology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....9:15am-12:15pm (GEO 2117) — Brown, M

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly GERM 111. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0204) — STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) — STAFF
0301 MWF.....10:00am-10:50am (JMZ 0204) — STAFF
Tu.....10:00am-10:50am (JMZ 0204)
0401 MTuWF.....11:00am-11:50am (JMZ 0204) — STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) — STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) — STAFF

GERM102 Elementary German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 101 or equivalent. Formerly GERM 112. — 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 3203) — STAFF
0201 MWF.....9:00am- 9:50am (JMZ 1122) — STAFF
Th.....9:00am- 9:50am (JMZ 1122)
0301 MWF.....10:00am-10:50am (JMZ 0120) — STAFF
Th.....10:00am-10:50am (JMZ 1224)
0401 MWF.....11:00am-11:50am (JMZ 1122) — STAFF
Th.....11:00am-11:50am (JMZ 1224)
0501 MWF.....12:00pm-12:50pm (JMZ 1122) — STAFF
Th.....12:00pm-12:50pm (JMZ 0204)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section). — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 1226) — STAFF
Tu.....9:00am- 9:50am (JMZ 0208)

GERM149S Germanic Languages - Elementary II: Elementary Swedish II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1109) — STAFF

GERM149Y Germanic Languages - Elementary II: Elementary Yiddish II; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3203) — STAFF

GERM201 Intermediate German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 102. Recommended: GERM 211. Formerly GERM 104. — 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1226) — STAFF
Th.....10:00am-10:50am (JMZ 0204)
0301 MWF.....2:00pm- 2:50pm (JMZ 1122) — STAFF
Th.....2:00pm- 2:50pm (JMZ 0204)

GERM201H Intermediate German; Grade Method: REG. USP Distributive Studies Area A Course. Prerequisite: GERM 102. Recommended: GERM 211. Formerly GERM 104. — 4 credits
0101 MWThF.....12:00pm-12:50pm (JMZ 0122) — STAFF

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) — Frederiksen, E

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: GERM 114 or equivalent. May be taken concurrently with GERM 115. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1122) — Frederiksen, E

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3205) — Pfister, G

GERM285 German Film and Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 0220) — Beicken, P

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 115 or equivalent. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) — Fagan, S

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD. Prerequisite: GERM 301 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (HZF 1101) — Fagan, S
0201 TuTh.....2:00pm- 3:15pm (JMZ 0122) — Strauch, G

GERM322 Highlights of German Literature II; Grade Method: REG/P-F/AUD. Prerequisite: GERM 220 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) — Richter, S

GERM368 Scandinavian Civilization: Denmark Today; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2122) — Greene-Gantzber

GERM382 German Civilization II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) — Richter, S

GERM383 Viking Culture and Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2206) — Fleck, J

GERM389I Topics in Germanic Culture: Ancient India; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2206) — Fleck, J

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0120) — Frederiksen, E

GERM405 Stylistics; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0201 TuTh.....11:00am-12:15pm (JMZ 3120) — Greene-Gantzber

GERM419 Selected Topics in German Language Study: Technical German; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged — Pfister, G

GERM419P Selected Topics in German Language Study: Practicum in Diplomatic Translation; Grade Method: REG/P-F. — 3 credits
0101 Time and room to be arranged — STAFF

GERM422 From the Reformation Through the Baroque; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and GERM 322 or permission of department. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3203) — Best, O

GERM433 Naturalism and Its Counter Currents; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and GERM 322, or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3203) — Beicken, P

GERM475 Old Norse; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (JMZ 3205) — Fleck, J

GERM479L Selected Topics in Germanic Philology: History of the German Language; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 0204) — Fagan, S

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM633 The German Novel; Grade Method: REG/AUD. — 3 credits
0101 W.....5:00pm- 7:30pm (JMZ 3207) — Best, O

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0401: Fagan, Sarah 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, V. 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, S. 1101: Strauch, Gabraele — 1-3 credits

GERM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM818 Seminar: The Middle Ages: German Medieval Women Writers; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3207) — Strauch, G

GERM828 Seminar: The 18th Century: The Idea of Greece; Grade Method: REG/AUD. — 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3207) — Richter, S

GERM838 Seminar: The 20th Century: Literatur Und Filmanalyse "Fassbinder, Herzog, Wenders, and Handke"; Grade Method: REG/AUD. Taught in German. — 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3207) — Beicken, P

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GNED General Education (Undergraduate Studies)

GNED100 The Anatomy of Knowing: The University and Its Curriculum; Grade Method: REG/P-F/AUD. Open to students with freshman and sophomore standing. — 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0110) — McIntire, R
0201 MWF.....10:00am-10:50am (ARM 0110) — McIntire, R

GREK Greek (Arts and Humanities)

See FOLA for Modern Greek.

GREK102 Elementary Greek; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has had two units of Greek in high school may register for GREK 102 for credit with departmental permission. — 3 credits
0101 MWF.....9:00am- 9:50am (COL 3111) — Duffy, J

GREK204 Intermediate Greek (Homer); Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: GREK 203 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 3112) — Hubbe, R

GREK488 Greek Readings: Homer; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 3120) — Hubbe, R

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GREK604 Homer; Grade Method: REG/AUD. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 3120) — Hubbe, R

GREK699 (PermReq) Independent Study in Greek Literature: Greek Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2166) — Glendening, P
0201 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
W.....1:00pm- 1:50pm (LEF 1221) DIS
0202 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
W.....2:00pm- 2:50pm (MHH 0108) DIS
0203 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
Th.....12:30pm- 1:20pm (JMZ 1122) DIS
0204 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
Th.....2:00pm- 2:50pm (COL 0102) DIS
0205 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
W.....3:00pm- 3:50pm (LEF 1220) DIS
0206 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
F.....10:00am-10:50am (ARC 1127) DIS
0207 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
F.....11:00am-11:50am (ARM 0116) DIS
0208 MW.....12:00pm-12:50pm (ARC 0204) — Cain, M
F.....12:00pm-12:50pm (ASY 3217) DIS

GVPT170 American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....10:00am-10:50am (LEF 2138H) DIS
0102 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....11:00am-11:50am (JMZ 2120) DIS
0103 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....1:00pm- 1:50pm (JMZ 1224) DIS
0104 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....2:00pm- 2:50pm (CHM 0122) DIS
0105 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....10:00am-10:50am (PHY 1402) DIS
0106 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....11:00am-11:50am (ARM 0121) DIS
0107 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....1:00pm- 1:50pm (TYD 1132) DIS
0108 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....2:00pm- 2:50pm (TYD 1132) DIS
0201 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
W.....3:00pm- 3:50pm (COL 3112) DIS
0202 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
Th.....10:00am-10:50am (EGR 1102) DIS
0203 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
Th.....11:00am-11:50am (JMZ 0125) DIS
0204 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
Th.....2:00pm- 2:50pm (HBK 0125) DIS
0205 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
F.....10:00am-10:50am (EGR 0135) DIS
0206 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
F.....11:00am-11:50am (TYD 2102) DIS
0207 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
F.....12:00pm-12:50pm (LEF 1221) DIS
0208 MW.....1:00pm- 1:50pm (LEF 2205) — Herrnson, P
F.....1:00pm- 1:50pm (LEF 1221) DIS
0301 MW.....9:00am- 9:50am (LEF 2205) — Ford, L
Th.....10:00am-10:50am (COL 0100) DIS
0302 MW.....9:00am- 9:50am (LEF 2205) — Ford, L
Th.....11:00am-11:50am (CHM 0127) DIS
0303 MW.....9:00am- 9:50am (LEF 2205) — Ford, L
Th.....2:00pm- 2:50pm (JMZ 0208) DIS

ENROLLMENT IN ALL GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE FALL 1990 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

0304 MW.....9:00am- 9:50am (LEF 2205) Ford, L
Th.....3:00pm- 3:50pm (JRN 1105) DIS
0305 MW.....9:00am- 9:50am (LEF 2205) Ford, L
F.....9:00am- 9:50am (ARM 0119) DIS
0306 MW.....9:00am- 9:50am (LEF 2205) Ford, L
F.....10:00am-10:50am (ASY 3211) DIS

GVPT170H (PermReq) American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Limited to GVPT and General Honors students. — 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2138) Vietri, L

GVPT200 International Political Relations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100. Formerly GVPT 300. — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0102) Breckinridge, R
0201 MWF.....11:00am-11:50am (TYD 1101) Harriss, S
0301 TuTh.....11:00am-12:15pm (TYD 1102) Leon, V
0401 TuTh.....12:30pm- 1:45pm (TYD 1102) Zhang, X

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 1102) Foster, J
0201 TuTh.....11:00am-12:15pm (TYD 1101) Imbroscio, D

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: GVPT 100 or GVPT 170. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1101) Bailey, M
0201 MWF.....8:00am- 9:50am (TLF 0124) Hardt, J

GVPT231 Law and Society; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0110) Colella, C
0201 TuTh.....12:30pm- 1:45pm (COL 3109) Unsinn, O
0301 MWF.....11:00am-11:50am (TLF 0124) Fliter, J

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GVPT 100. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) Burack, C

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2208) Kinberg, P

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0102) Gurr, T

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. — 3 credits
0101 TuTh.....9:30am-10:45am (COL 3109) Starkey, B

GVPT306 Global Ecopolitics; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 200. — 3 credits
0101 TuTh.....9:30am-10:20am (LEF 2205) Pirages, D
Th.....11:00am-11:50am (JMZ 0118) DIS
0102 TuTh.....9:30am-10:20am (LEF 2205) Pirages, D
Th.....1:00pm- 1:50pm (HBK 0125) DIS
0103 TuTh.....9:30am-10:20am (LEF 2205) Pirages, D
Th.....2:00pm- 2:50pm (JMZ 3203) DIS
0104 TuTh.....9:30am-10:20am (LEF 2205) Pirages, D
F.....9:00am- 9:50am (MTH 0106) DIS
0105 TuTh.....9:30am-10:20am (LEF 2205) Pirages, D
F.....10:00am-10:50am (MTH 0106) DIS

GVPT376A (PermReq) Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 377. Limited to Maryland General Assembly interns. — 6 credits
0101 Time and room to be arranged Ramsay, M

GVPT376B (PermReq) Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 377. Limited to Capitol Hill interns. — 6 credits
0101 Time and room to be arranged Lanning, E

GVPT377A (PermReq) Seminar For Academic Interns; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 376. Limited to Maryland General Assembly interns. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 2138) Ramsay, M

GVPT377B (PermReq) Seminar For Academic Interns; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 376. Limited to Capitol Hill interns. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 2138H) Lanning, E

GVPT386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: GVPT 387. — 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: GVPT 386. — 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 3 credits

GVPT390H (PermReq) Honors Seminar in American Government and Public Administration; Grade Method: REG/P-F/AUD. Prerequisite: admission to honors program. Limited to GVPT and General Honors students. — 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) Stone, C

GVPT396 (PermReq) Introduction to Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to and permission of GVPT Honors Program. — 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: GVPT 396 and admission to GVPT honors program. — 3 credits

GVPT399B Seminar in Government and Politics: East-West Relations; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) Davis-Giehrl, P

GVPT399C Seminar in Government and Politics: Human Rights; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 1121) Hamilton, B

GVPT399D Seminar in Government and Politics: Twentieth Century China: Revolution, Politics and Foreign Relations; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1220) Hsueh, C

GVPT399E Seminar in Government and Politics: International Political Economy; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Haufler, V

GVPT399F Seminar in Government and Politics: Workshop on Conflict and Peace Analysis; Grade Method: REG/P-F/AUD. Course limited to Interns at the Center for International Development and Conflict Management. Permission of Instructor. — 3 credits
0101 M.....3:00pm- 5:45pm (Arranged) Gurr, T

GVPT399H (PermReq) Seminar in Government and Politics: American Political Theory; Grade Method: REG/P-F/AUD. Limited to GVPT and General Honors students. — 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2207) Terchek, R

GVPT399I Seminar in Government and Politics: Political Culture of Eastern Europe; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1221) Tismaneanu, V

GVPT399K Seminar in Government and Politics: Greek Tragedy as Political Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....12:30pm- 1:20pm (LEF 1201) Alford, C
F.....10:00am-10:50am (LEF 1208) DIS
0102 TuTh.....12:30pm- 1:20pm (LEF 1201) Alford, C
F.....9:00am- 9:50am (LEF 1210) DIS

GVPT399M Seminar in Government and Politics: Latin America in the International System; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....2:00pm- 4:45pm (ARM 0120) STAFF

GVPT399N Seminar in Government and Politics: Human Rights in World Politics: Latin American Perspectives; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:45pm (WDS 1127) STAFF

GVPT399P Seminar in Government and Politics: Seminar in Latin America: Issues and Policies; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....3:00pm- 5:45pm (DNC 1147A) STAFF

GVPT402 International Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 200. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Piper, D

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 200. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT411 Public Personnel Administration; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 210. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) Ranald, R

GVPT422 Quantitative Political Analysis; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 220. — 3 credits
0101 M.....2:00pm- 4:45pm (LEF 2205) Swistak, P

GVPT429A Problems in Political Behavior: Testing Behavioral Theories in a Laboratory; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) Oppenheimer, J

GVPT429B Problems in Polilt1cal Behavior: Formal Theories of Politics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Lalman, D

GVPT429H (PermReq) Problems in Political Behavior: Assessing the Consequences of the Vietnam War; Grade Method: REG/P-F/AUD. Limited to GVPT and General Honors students. — 3 credits
0101 Th.....2:00pm- 4:45pm (LEF 2207) Vietri, L

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2208) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 231. — 3 credits
0101 Th.....6:30pm- 8:45pm (TLF 0124) Fitzgerald, J

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2166) McIntosh, W

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 1102) McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 Th.....7:00pm- 9:45pm (ASY 2309) Stevens, D

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2166) Schneck, S
0201 W.....7:00pm- 9:45pm (LEF 2166) Stevens, D
0301 W.....2:00pm- 3:40pm (LEF 2205) Glass, J
F.....10:00am-10:50am (TYD 0101) DIS
0302 W.....2:00pm- 3:40pm (LEF 2205) Glass, J
F.....11:00am-11:50am (TYD 0101) DIS
0303 W.....2:00pm- 3:40pm (LEF 2205) Glass, J
F.....12:00pm-12:50pm (HBK 1116) DIS

GVPT448 Non-Western Political Thought; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100; permission of department required for repeat. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 2166) Butterworth, C

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 200. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1102) Wilkenfeld, J

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2166) Petrou, L

GVPT460 Problems in State and Local Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 260. — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1105) Reeves, M

GVPT461 Metropolitan Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 260. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) Marando, V

GVPT473 Legislatures and Legislation; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2208) Davidson, R

GVPT479 (PermReq) Problems of American Public Policy; Grade Method: REG/P-F/AUD. Course offered primarily for Journalism students in the advanced public affairs reporting program, but may be taken by regular government and politics students. — 3 credits
0101 M.....8:00am-11:00am (LEF 2123) Martino, A

GVPT480 Comparative Political Systems; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 MW.....2:00pm- 3:15pm (ARM 0119) Heisler, M

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 M.....6:30pm- 9:15pm (TYD 1101) Douse, G

GVPT482 Government and Politics of Latin America; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD. Prerequisite: GVPT 622 or permission of instructor. — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2205) Swistak, P

GVPT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GVPT808A Selected Topics in Functional Problems in International Relations; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 1210) Kaminski, B

GVPT808B Selected Topics in Functional Problems in International Relations: Theories of International Conflict; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2176) Lalman, D

GVPT808C Selected Topics in Functional Problems in International Relations: Doctoral Seminar in Political Economy; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:30pm (LEF 2138H) Haufler, V

GVPT813 Problems of Public Personnel Administration; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2123) Ranald, R

GVPT827 Seminar in Political Sociology; Grade Method: REG/AUD. Prerequisite: GVPT 427 or equivalent. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2207) Heisler, M

GVPT828A Selected Problems in Political Behavior: The Democratic State; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2123) Elkin, S

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD. Prerequisite: GVPT 730 or permission of instructor. — 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 2138H) Soltan, K

GVPT838 Topics in Formal Political Theory: Experimentation and Theory Testing in Political Science; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2207) Oppenheimer, J

GVPT845 Marxist Political Theory; Grade Method REG/AUD. Prerequisite: GVPT 443 or permission of instructor. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138) Tismaneanu, V

GVPT848 Current Problems in Political Theory: Greek Tragedy as Political Theory: A Psychological Approach; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) Alford, C

GVPT868 Problems of State and Local Government: Field Analysis of State Institutions in the Policy-Making Process; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2176) Reeves, M

GVPT869A Seminar in Urban Administration: Urban Political Economy; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2207) Stone, C

GVPT869B Seminar in Urban Administration: Metropolitan Governance, Policy and Administration; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2123) Marando, V

GVPT874 Seminar in Political Parties and Politics; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138H) Herrnson, P

GVPT878 Problems in American Government and Politics; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (TYD 1136) Uslaner, E

GVPT883 Comparative Governmental Institutions: Asia; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2176) Hsueh, C
Time and room to be arranged LAB

GVPT887 Seminar in the Politics of Developing Nations; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2138) Phillips, W

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. — 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

HEBR Hebrew (Arts and Humanities)

HEBR112 Elementary Hebrew II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: HEBR 111 or equivalent. Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112 and 212) or contact Dr. Berlin on questions of placement above the HEBR 212 level. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 1104) Liberman, E
0201 MWF.....11:00am- 1:00pm (JMZ 2117) Liberman, E

HEBR212 Intermediate Hebrew II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: HEBR 211 or permission of department. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2117) Levy, N

HEBR223 The Hebrew Bible: Narrative; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 2117) Berlin, A

HEBR314 Conversation and Composition II; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 313 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1109) Manekin, C

HEBR322 Israeli Literature in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 Tu.....3:30pm- 6:00pm (JMZ 0208) Mintz, A

HEBR382 Readings in Hebrew Newspapers and Periodicals; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 314 or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) Levy, N

HEBR386 (PermReq) Field Work; Grade Method: REG. Corequisite: HEBR 387. — 2 credits
0101 Time and room to be arranged Liberman, E

HEBR387 (PermReq) Field Work Analysis; Grade Method: REG. Corequisite: HEBR 386. — 1 credit
0101 Time and room to be arranged Liberman, E

HEBR472 Readings in Medieval Hebrew; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 212 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2117) Manekin, C

HEBR498B Special Topics in Hebrew: Issues in Jewish Ethics and Law; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or Jewish studies or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) Manekin, C

HEBR498I Special Topics in Hebrew; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Levy, N

HEBR498R Special Topics in Hebrew: Reconstructing Ancient Civilizations - The Case of Mesopotamia; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 2206) Berlin, A

HEBR498Z Special Topics in Hebrew: Biblical Research; Grade Method: REG. — 3 credits
0101 Time and room to be arranged Berlin, A

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Course chairman: McCall. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 2205) STAFF

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD. Prerequisite: HESP 202. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1201) Dingwall, W

HESP311 Anatomy, Pathology and Physiology of the Auditory System; Grade Method: REG/P-F/AUD. Prerequisite: HESP 202. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Gordon-Salant,.

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HESP 387. — 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HESP 386. — 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD. Prerequisite: HESP 300. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Yeni-Komshian,

HESP402 Speech Pathology I; Grade Method: REG/P-F/AUD. Prerequisite: HESP 300. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) Roth, F

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD. Prerequisite: HESP 305. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2208) STAFF

HESP404 Speech Pathology II; Grade Method: REG/P-F/AUD. Prerequisite: HESP 305. Course chairman: McCall. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 1201) McCall, G

HESP418 (PermReq) Clinical Practice in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD. Majors only. Course will be team taught by C. Cuyjet and M. McCabe. — 3 credits
0101 WF.....12:00pm-12:50pm (LEF 0135) McCabe, M
Time and room to be arranged LAB

HESP498A (PermReq) Seminar: Issues in Professional Practice; Grade Method: REG/AUD. — 3 credits
0101 WF.....1:00pm- 2:15pm (LEF 1201) STAFF

HESP498B (PermReq) Seminar: Neurological Bases of Human Communication; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) Dingwall, W

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP602 Neurological Bases of Human Communication; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) Dingwall, W

HESP612 Fluency Disorders; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP614 Orofacial Anomalies; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) McCall, G

HESP620 Phonological and Articulatory Disorders; Grade Method: REG/AUD. — 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP635 Aural Rehabilation/Habilitation; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (LEF 1201) Baker, D

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP639 (PermReq) Special Topics in Hearing and Speech Sciences: Neuropsychological Perspectives of Learning Disabilities; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged STAFF

HESP645 Pediatric Audiology; Grade Method: REG/AUD. Prerequisite: HESP 606 or permission of department. — 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. — 1-3 credits

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. — 1-3 credits

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. — 1-3 credits

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. — 1-3 credits

HESP700 Hearing Aids; Grade Method: REG/AUD. — 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) Gordon-Salant,

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP722 Experimental Audiology; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:00pm (ZOP 1112) Penner, M

HESP724 Research Design; Grade Method: REG/AUD. Prerequisite: a course in basic statistics. — 3 credits
0101 W.....9:30am-12:00pm (LEF 0135) Yeni-Komshian,

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: McCall. Majors only. — 1-8 credits

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: McCall. Majors only. — 1-8 credits

HESP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

HESP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HISP Historic Preservation (Architecture)

HISP700 (PermReq) Final Seminar in Historic Preservation; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Flack, J

HIST History (Arts and Humanities)

HIST112 The Rise of the West: 1500 - 1789; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Formerly HIST 132. — 3 credits
0101 MW.....12:00pm-12:50pm (JMZ 0220) Williams, W
Time and room to be arranged DIS

HIST113 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly HIST 133. Discussion section assigned first class session. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0102) Rogers, D
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion section assigned first class session. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0106) Bradbury, M
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0106) Farrell, R
Time and room to be arranged DIS
0401 TuTh.....10:00am-10:50am (KEY 0106) Olson, A
Time and room to be arranged DIS
0501 MW.....12:00pm-12:50pm (KEY 0106) Grimsted, D
Time and room to be arranged DIS

HIST156H History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) Grimsted, D
M.....2:00pm- 2:50pm (LEF 1210) DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. Discussion sections assigned first class session. — 3 credits
0101 MW.....10:00am-10:50am (KEY 1117) Shulman, H
Time and room to be arranged DIS
0201 TuTh.....10:00am-10:50am (KEY 0103) Callcott, G
Time and room to be arranged DIS
0301 TuTh.....1:00pm- 1:50pm (KEY 0106) Kaufman, S
Time and room to be arranged DIS
0401 MW.....2:00pm- 2:50pm (KEY 0102) Ridgway, W
Time and room to be arranged DIS

HIST174 Introduction to the History of Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: HIST 174 or PHIL 250. Formerly HIST 200. Discussion sections will be assigned the first day of classes. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (KEY 0106) Brush, S
Time and room to be arranged DIS

HIST176 Modern Business History; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly HIST 115. Discussion sections will be assigned the first day of classes. — 3 credits
0101 MW.....1:00pm- 1:50pm (KEY 0106) Lampe, J
Time and room to be arranged DIS

HIST178A Biography in History: Western European Religious Leaders; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....9:30am-10:45am (LEF 1210) Williams, W

HIST206 The Holocaust of European Jewry; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0116) Rozenblit, M

HIST211 Women in America Since 1880; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned first class session. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 1117) Gullickson, G
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0103) Muncy, R
Time and room to be arranged DIS

HIST219A Special Topics in History: America and the Mass Media.; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....3:00pm- 5:30pm (KEY 0119) Shulman, H
Time and room to be arranged DIS

HIST225 Modern Military History, 1815-Present; Grade Method: REG/P-F/AUD. Discussion sections will be assigned the first day of classes. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) Trask, D
Time and room to be arranged DIS

HIST235 History of Britain 1461 to 1714; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0102) Breslow, M
Time and room to be arranged DIS

HIST251 Latin American History II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) Wright, W

HIST275 Law and Constitutionalism in American History; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 1117) Henretta, J

HIST283 History of the Jewish People II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....1:00pm- 1:50pm (KEY 1117) Cooperman, B
Time and room to be arranged DIS

HIST285 East Asian Civilization II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....12:00pm-12:50pm (KEY 0102) Thompson, R
Time and room to be arranged DIS

HIST309B Proseminar in Historical Writing: Social History of Urban America; Grade Method: REG/P-F/AUD. — 3 credits
0201 Tu.....1:00pm- 3:00pm (KEY 0107) Flack, J
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: Early American History; Grade Method: REG/P-F/AUD. — 3 credits
0301 M.....2:00pm- 4:00pm (KEY 0107) Bradbury, M
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: Colonial America: Chesapeake Society; Grade Method: REG/P-F/AUD. — 3 credits
0401 M.....2:00pm- 4:00pm (KEY 2119) Evans, E
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: British History, 1500-1700; Grade Method: REG/P-F/AUD. Course taught by R.Lockyer. — 3 credits
0101 Th.....2:00pm- 4:00pm (KEY 0107) STAFF
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Modern Jewish History; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0107) Rozenblit, M
Time and room to be arranged DIS

HIST313 Crisis and Change in European Society: Freedom and Authority; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0106) Eckstein, A

HIST319A Special Topics in History: American Radical Tradition; Grade Method: REG/P-F/AUD. Discussion sections will be assigned the first day of classes. — 3 credits
0101 MW.....9:00am- 9:50am (KEY 0126) Berlin, I
Time and room to be arranged DIS
0102 MW.....9:00am- 9:50am (KEY 0126) Berlin, I
Time and room to be arranged DIS
0103 MW.....9:00am- 9:50am (KEY 0126) Berlin, I
Time and room to be arranged DIS
0104 MW.....9:00am- 9:50am (KEY 0126) Berlin, I
Time and room to be arranged DIS

HIST319B Special Topics in History: Critical Eras: An Interdisciplinary View: Postwar World War II Japan Through Film and Fiction; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:15pm (KEY 1117) DIS

HIST319D (PermReq) Special Topics in History: Swedish History to 1718; Grade Method: REG/P-F/AUD. — 3 credits
0101 Sa.....9:30am-11:30am (Arranged) Olson, K

HIST331 Medieval Civilization II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0126) Spiegel, G

HIST332 Europe During the Renaissance and Reformation I; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) STAFF

HIST337 Europe in the World Setting of the 20th Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) Rogers, D

HIST346 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Matossian, M

HIST361 The American Revolution; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....9:30am-10:45am (KEY 0103) Evans, E

HIST364 Reconstruction and the New Nation; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0102) Nicklason, F

HIST365 The Progressive Period: the United States, 1896-1919; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0126) Harlan, L

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD. Discussion sections will be assigned first class session. — 3 credits
0101 MW.....11:00am-11:50am (KEY 1117) Olson, K
Time and room to be arranged DIS

HIST391 Middle East II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....9:30am-10:45am (KEY 0124) Stowasser, K

HIST392 History of the Contemporary Middle East; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0124) Stowasser, K

HIST396 Honors Colloquium II; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....10:00am-12:00pm (KEY 2119) Friedel, R
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Grimsted, D

HIST401 The Scientific Revolution: From Copernicus to Newton; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 0124) Kaplan, B

HIST407 Technology and Social Change in History; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Students with HIST 407 prior to Fall Semester 1989 must have permission of department to enroll in this course. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) Friedel, R

HIST418 Jews and Judaism: Selected Historical Topics: The Jews of Spain; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0103) Cooperman, B

HIST419A Special Topics in History: How the West Progressed; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0125) Matossian, M

HIST419B Special Topics in History: Colonial Africa; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) Perinbam, B

HIST419C Special Topics in History: Redefining Gender in the United States, 1880-1935; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) Muncy, R
Time and room to be arranged DIS

HIST419E Special Topics in History: The Lives and Experiences of Saints; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0120) Rutenburg, J

HIST419F Special Topics in History: Deviance and Western Culture; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) Flynn, M

HIST419G Special Topics in History: Women in Medieval Culture and Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0123) Bedos-Rezak, B

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) Majeska, G

HIST426 Age of Industry: Britain 1760 to 1914; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0103) Kuhn, W

HIST431 Stuart England; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) Breslow, M

HIST441 Germany in the Twentieth Century, 1914-1945; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) Harris, J

HIST453 Diplomatic History of the United States from 1914; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....10:00am-10:50am (KEY 2119) DIS
0102 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

HIST455 Constitutional History of the United States: Since 1860; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0125) Belz, H

HIST457 History of Ideas in America Since 1865; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....9:30am-10:45am (KEY 0107) Grimsted, D

HIST459 Society in America: Historical Topics: Aspects of American Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1117) Flack, J

HIST461 Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Moss Jr., A

HIST471 History of Brazil; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0121) Wright, W

HIST473 History of the Spanish Caribbean; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0124) Warren, J

HIST475 History of Mexico and Central America II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) Warren, J

HIST481 A History of Modern China; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0116) Thompson, R

HIST483 History of Japan Since 1800; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) Mayo, M

HIST496 Africa Since Independence; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Perinbam, B

HIST499 Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST602 General Seminar: American History; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Olson, A
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD. Section 0101 focuses on early modern European history. Section 0201 focuses on modern European history. — 3 credits
0101 W.....4:00pm- 6:00pm (KEY 1118) Lampe, J
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST619C Special Topics in History: Readings in Afro-American History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

HIST638 Readings in the Middle Period and Civil War; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0107) Ridgway, W
Time and room to be arranged DIS

HIST648 Readings in Recent American History; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Olson, K
Time and room to be arranged DIS

HIST678 Readings in American Labor History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0107) Kaufman, S
Time and room to be arranged DIS

HIST689 Readings in Southern History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0124) Callcott, G
Time and room to be arranged DIS

HIST718 Readings in Medieval History; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 2119) Spiegel, G
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD. 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 1118) Harris, J
Time and room to be arranged DIS

HIST739 Readings in the History of Great Britain; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 2119) Price, R
Time and room to be arranged DIS

HIST759 Readings in Russian and Soviet History; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 1118) Majeska, G
Time and room to be arranged DIS

HIST779 (PermReq) Readings in Middle Eastern History; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Stowasser, K

HIST799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST808 Seminar in the History of Science and Technology: Science, Technology and the Military in the 20th Century; Grade Method: REG/AUD. Course offered at Smithsonian Institution. See Department of History, Key 2115 for directions. 3 credits
0101 Th.....3:30pm- 5:30pm (Arranged) Friedel, R

HIST809 Seminar in the History of Women; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Gullickson, G
Time and room to be arranged DIS

HIST840 Seminar in Greek History; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (JMZ 3120) Eckstein, A
Time and room to be arranged DIS

HIST858 Seminar in the History of Great Britain: Absolutism in Britain and Continental Europe; Grade Method: REG/AUD. Course will be taught by Dr. Lockyer. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0117) STAFF
Time and room to be arranged DIS

HIST888 (PermReq) Seminar in the Middle Period and Civil War; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Berlin, I

HIST892 Seminar in American Social History; Grade Method: REG/AUD. 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 1118) Henretta, J
Time and room to be arranged DIS

HIST895 Seminar in American Constitutional History; Grade Method: REG. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Belz, H

HIST896 Seminar in the History of American Foreign Policy; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:00pm (KEY 2119) Cole, W
Time and room to be arranged DIS

HIST898 Seminar in Recent American History; Grade Method: REG. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) Harlan, L
Time and room to be arranged DIS

HIST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HLHP Health and Human Performance (Hlth & Human Performance)

HLHP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Corequisite: HLHP 387. Formerly PERH 386. Contact the Center on Aging. 1-3 credits
0101 Time and room to be arranged Pollack, S
0201 Time and room to be arranged Hyde, D

HLHP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Corequisite: HLHP 386. Formerly PERH 387. Contact the Center on Aging. 1-3 credits
0101 Time and room to be arranged Pollack, S
0201 Time and room to be arranged Hyde, D

HLHP488 Children's Health and Development Clinic; Grade Method: REG/P-F/AUD. Check with instructor for opening date. 1 credit
0101 Sa.....8:30am-12:30pm (HHP 0103) Hahn, P

HLHP688 (PermReq) Field Work in Aging; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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HLTH Health (Hlth & Human Performance)

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 1303) Beck, K
0201 MWF.....1:00pm- 1:50pm (HHP 1312) Scaffa, M

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (HHP 1303) Reynolds, M
0201 MWF.....11:00am-11:50am (HHP 0308) Hodges, B
0401 TuTh.....11:00am-12:15pm (HHP 0302) Gilbert, L
0501 TuTh.....12:30pm- 1:45pm (HHP 1301) Hyde, D

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD. 2 credits
0301 Tu.....8:00am- 9:45am (HHP 0302) Swift, R
0401 Th.....8:00am- 9:45am (HHP 0302) Swift, R

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 MWF.....11:00am-11:50am (HHP 1312) Schiraldi, G
0301 Th.....4:15pm- 6:45pm (HHP 1312) Allen, R
0401 TuTh.....12:30pm- 1:45pm (HHP 1312) Allen, R
0501 W.....4:15pm- 6:45pm (HHP 1312) Greenberg, J

HLTH289D Topical Investigations: Personal and Community Perspectives on Alchohol and Drug Use; Grade Method: REG/P-F/AUD. This course is limited to residence hall students only. Course meets in Cumberland Hall 0121. 3 credits
0101 TuTh.....11:00am-12:15pm (Arranged) Shepherd, K

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 0305) Klos, D

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD. Formerly HLTH 477. 3 credits
0201 TuTh.....11:00am-12:15pm (HHP 1312) Sawyer, R
0301 W.....7:00pm- 9:40pm (HHP 1312) Sawyer, R

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HLTH 387. 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HLTH 386. 1-3 credits

HLTH420 (PermReq) Methods and Materials in Health Education; Grade Method: REG/P-F/AUD. Prerequisites: HLTH 105 or HLTH 140. Instructors are R. Sawyer and G. G. Gilbert. 3 credits
0101 MW.....12:00pm- 1:45pm (HHP 1303) Gilbert, G
0201 Tu.....4:15pm- 6:45pm (HHP 1303) Gilbert, G

HLTH430 Health Education in the Workplace; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 1301) Baker, E

HLTH476 Death Education; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 1407) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD. First class meeting is February 2. 3 credits
0101 Sa.....8:30am- 1:30pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....2:30pm- 4:30pm (HHP 2387) Desmond, S
Time and room to be arranged

HLTH498R Special Topics in Health: Introduction to Community Health; Grade Method: REG/P-F/AUD. Prerequisite: MICB 100 or 200. 3 credits
0101 TuTh.....9:30am-10:45am (HHP 0301) Desmond, S

HLTH498S Special Topics in Health: Stress and the Healthy Mind; Grade Method: REG/P-F/AUD. Health education majors or permission of department. 3 credits
0101 TuTh.....3:00pm- 4:15pm (HHP 0305) Schiraldi, G

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: HLTH 285. Student must present unofficial transcript to instructor on the first day of classes. Juniors and seniors only. 3 credits
0101 M.....4:15pm- 6:45pm (HHP 0302) Schiraldi, G

HLTH498X Special Topics in Health: AIDS Education and Prevention; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm- 9:40pm (HHP 1312) Thomas, S

HLTH600 Seminar in Health; Grade Method: REG/AUD. 1 credit
0101 Meets 01/28/91 - 04/01/91 Gold, R
M.....7:00pm- 8:45pm (HHP 0303)

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 0307) Alexander, L

HLTH666 Health Behavior II; Grade Method: REG/AUD. Prerequisite: HLTH 665. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 0301) Feldman, R

HLTH680 The Dynamics of Coping with Stress; Grade Method: REG/AUD. Prerequisite: HLTH 285 or permission of department. 3 credits
0101 W.....7:00pm- 9:40pm (HHP 0303) Schiraldi, G

HLTH687 Advanced Seminar; Grade Method: REG/AUD. 1 credit
0101 W.....1:00pm- 3:30pm (TYD 1136) Locke, E

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688A Special Problems in Health Education: AIDS Education and Prevention; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:40pm (HHP 1312) Thomas, S

HLTH688C Special Problems in Health Education: Community Health Analysis; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (HHP 0305) Thomas, S

HLTH688W Special Problems in Health Education: Grantsmanship and Proposal Writing in Health; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:45pm (HHP 1302) Klos, D

HLTH711 Advanced Research Methods in Health; Grade Method: REG/AUD. Prerequisite: HLTH 710. 3 credits
0101 M.....4:15pm- 6:45pm (HHP 1304) Gold, R

HLTH720 Scientific Foundations of Health Education; Grade Method: REG. 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 0307) Alexander, L

HLTH740 Modern Theories of Health; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 6:45pm (HHP 1301) Greenberg, J

HLTH750 Stress and Disease; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (HHP 0303) Allen, R

HLTH775 Health Education Program Planning and Evaluation; Grade Method: REG/AUD. Prerequisites: HLTH 710 and permission of department. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 1301) Beck, K

HLTH785 (PermReq) Internship in Health Education; Grade Method: REG. Prerequisites: [HLTH 665; and HLTH 775; and HLTH 780]; or permission of department. 3 credits
0101 TBA (HHP 2387) Clearwater, H

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HONR Honors (Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office, 0110 Hornbake Library, 405-6771. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG. CORE Distributive Studies Humanities Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0108) DIS Carlson, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Individual Rights from Cicero to Rand; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits

HONR118C (PermReq) Freshman Honors Colloquium: Cultural and Historical: Western Intellectual Heritage: The Hero and Society; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....3:30pm- 5:00pm (HBK 0123) DIS Parssinen, T

HONR128E (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Our Nuclear Society: From Chernobyl to PET Scans; Grade Method: REG. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. 3 credits
0101 W.....2:00pm- 4:30pm (CHM 0122) DIS Mignerey, A

HONR128F (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Managing Planet Earth; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. 3 credits
0101 W.....2:00pm- 5:00pm (HBK 0123) McLellan, E

HONR128G (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Honors Chemistry II; Grade Method: REG. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. 4 credits
0101 TuTh.....3:30pm- 5:30pm (CHM 0124) Bellama, J
W.....3:00pm- 6:00pm (Arranged) LAB

HONR138F (PermReq) Freshman Honors Colloquium: Literature and the Arts: Varieties of Religious Experience in Modern Fiction; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 Tu.....7:00pm- 9:30pm (HBK 0108) DIS Mintz, A

HONR138G (PermReq) Freshman Honors Colloquium: Literature and the Arts: Literature, Landscape and Heritage; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C Course. 3 credits
0101 TuTh.....2:00pm- 3:30pm (HBK 0123) DIS Scarfo, R

HONR138I (PermReq) Freshman Honors Colloquium: Literature and the Arts: Watching Poetry/Reading TV; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. 3 credits
0101 W.....2:00pm- 4:30pm (HBK 0108) DIS Retallack, J

HONR138J (PermReq) Freshman Honors Colloquium: Literature and Arts: Literature and Madness; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 M.....1:00pm- 3:30pm (LEF 1208) DIS Isaacs, N

HONR138K (PermReq) Freshman Honors Colloquium: Literature and the Arts: Nature and Place: A Course in Non-Fiction Prose; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 2102) DIS Plumly, S

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: America and the Mass Media Since 1945; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. 3 credits
0101 W.....3:00pm- 5:30pm (KEY 0119) DIS Shulman, H

HONR148G (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Social and Group Violence in America; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0108) DIS Smead, H

HONR148I (PermReq) Freshmen Honors Colloquium: Social and Behavioral Sciences: Uses of Education; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. 3 credits
0101 Tu.....9:30am-12:00pm (HBK 0108) DIS Lawrence, J

HONR148J (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Religion and Culture; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 1108) Northup, L

HONR148X (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Science, Society and Culture; Grade Method: REG. USP Distributive Studies Area D Course. Only students enrolled in the Honors Learning Community may register for this course. 3 credits
0101 M.....1:00pm- 3:45pm (HBK 1116) DIS STAFF

HONR338A (PermReq) Honors Seminar: Literature and the Arts: A Different Way of Seeing: Native American Perception; Grade Method: REG. USP Distributive Studies Area C Course. At times class will meet beyond the scheduled time. 3 credits
0101 F.....3:00pm- 5:00pm (HBK 0108) DIS Niese, H
Time and room to be arranged DIS

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Regionalism in Architecture; Grade Method: REG. USP Distributive Studies Area C Course. 3 credits
0101 M.....10:00am-10:50am (ARC 1127) Bechhoefer, W
W.....10:00am-12:00pm (ARC 1127) DIS

HONR338C (PermReq) Honors Seminar: Literature and the Arts: Tolstoy and Tolstoyanism; Grade Method: REG. USP Distributive Studies Area C Course. 3 credits
0101 Tu.....3:30pm- 6:00pm (JMZ 2102) Berry, T

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG. USP Distributive Studies Area D Course. 3 credits
0101 W.....7:00pm- 9:30pm (ASY 3207) McCarthy, C

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Literature as Equipment for Living; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 Tu.....1:00pm- 3:30pm (HBK 0108) DIS Handelman, S

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Dance in World Cultures; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0125) DIS Frosch-Schroder

HONR368C (PermReq) Honors Seminar: Development of Knowledge: American Political Theory; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 1-3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2207) DIS Terchek, R

HONR368D (PermReq) Honors Seminar: Development of Knowledge: Crops, Soils, and Civilization; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....1:45pm- 3:00pm (HJP 1104) DIS Sammons, D

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F. Available only to General Honors students. 3-6 credits
0101 Time and room to be arranged Parssinen, T
W.....3:00pm- 4:00pm (HBK 0110) DIS

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Lawyers and the Adversary System; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 F.....9:30am-12:00pm (HBK 0123) DIS Pavela, G

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Leadership; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) Stone, C

HONR378C (PermReq) Honors Seminar: Analysis of Human Problems: Before and After the Wall: Germany and Europe in Recent History; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 W.....1:00pm- 3:30pm (JMZ 2102) DIS Kent, G

HONR378D (PermReq) Honors Seminar: Analysis of Human Problems: Assessing the Consequences of the Vietnam War; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Th.....2:00pm- 4:45pm (LEF 2207) DIS Vietri, L

HONR378E (PermReq) Honors Seminar: Analysis of Human Problems: Science, Technology and the Black Community; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 M.....2:00pm- 4:30pm (WDS 1130) DIS Myers, S

HONR378F (PermReq) Honors Seminar: Analysis of Human Problems: Complexity in Systems; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 M.....6:00pm- 9:00pm (HBK 0123) Cohen, A

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students. 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F. Students may register for more than 3 credits with permission of instructor. Writing Workshop may be repeated, for a total of 6 credits, with permission of instructor. 3-6 credits
0101 Th.....2:00pm- 5:00pm (HBK 0108) DIS Retallack, J
0102 Th.....6:30pm- 9:30pm (HBK 0108) DIS Retallack, J

HORT Horticulture (Agriculture)

HORT100 Introduction to Horticulture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Recommended: BIOL 105. 3 credits
0101 TuTh.....4:00pm- 4:50pm (HZF 0128B) Graves, W
Th.....9:00am-12:00pm (HAR 1112) LAB
0102 TuTh.....4:00pm- 4:50pm (HZF 0128B) Graves, W
Th.....1:00pm- 4:00pm (HAR 1112) LAB
0103 TuTh.....4:00pm- 4:50pm (HZF 0128B) Graves, W
Th.....6:00pm- 9:00pm (HAR 1112) LAB

HORT202 Management of Horticultural Crops; Grade Method: REG/P-F/AUD. Prerequisite: HORT 201. Section 0101 instructors are F. Gouin and J. Bouwkamp. 4 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1108) Bouwkamp, J
Tu.....2:00pm- 5:00pm (HAR 1105) LAB

HORT260 Graphic Communications; Grade Method: REG/P-F/AUD. Prerequisites: HORT 160 and EDIT 160. Computer graphics by Madis Pihlak. 2 credits
0101 MF.....2:00pm- 4:00pm (HZF 2106) LAB Scarfo, R

HORT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HORT 387. 1-3 credits

HORT387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: HORT 386. 1-3 credits

HORT398 Seminar; Grade Method: REG/P-F/AUD. Prerequisite: senior standing. Horticultural majors only. 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) Bouwkamp, J

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2 credits

HORT432 Greenhouse Crop Production; Grade Method: REG/AUD. Prerequisite: HORT 201; and HORT 202.. Pre- or corequisite: BOTN 441. 3 credits
0101 MWF.....9:00am- 9:50am (HZF 1106) Hershey, D

HORT454 Woody Plant Materials II; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 212. 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) Mityga, H
W.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT464 Principles of Landscape Construction; Grade Method: REG/P-F/AUD. Prerequisite: HORT 361. 3 credits
0101 MW.....10:00am-10:50am (HZF 0128B) Hamed, S
MW.....11:00am-12:50pm (HZF 2106) LAB

HORT466 Advanced Landscape Design; Grade Method: REG/AUD. Prerequisites: HORT 462; and HORT 465; and HORT 452. 3 credits
0101 Tu.....9:00am-10:50am (HZF 2106) Scarfo, R
Th.....9:00am-11:50am (HZF 2106) LAB

HORT467 Landscape Contracting and Professional Practice; Grade Method: REG/P-F/AUD. Prerequisites: (AREC 306 or AREC 414); and HORT 452. 3 credits
0101 TuTh.....1:00pm- 2:15pm (HZF 1101) Hamed, S

HORT472 Advanced Plant Propagation; Grade Method: REG/P-F/AUD. Prerequisite: HORT 201; and HORT 202; and HORT 271. 2 credits
0101 Tu.....12:00pm-12:50pm (HZF 0101) Swartz, H
Tu.....1:00pm- 4:00pm (HZF 0101) LAB
0102 W.....12:00pm-12:50pm (HZF 0101) Swartz, H
W.....1:00pm- 4:00pm (HZF 0101) LAB

HORT689L Special Topics in Horticulture: Advanced Plant Propagation; Grade Method: REG/AUD. 2 credits
0101 Tu.....12:00pm-12:50pm (HZF 0101) Swartz, H
Tu.....1:00pm- 4:00pm (HZF 0101) LAB
0102 W.....12:00pm-12:50pm (HZF 0101) Swartz, H
W.....1:00pm- 4:00pm (HZF 0101) LAB

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT783 Environmental Factors and Horticultural Plants; Grade Method: REG/AUD. Prerequisite: BOTN 441. 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1108) Stutte, G

HORT784 Current Advances in Plant Breeding; Grade Method: REG/AUD. Prerequisite: HORT 274 or equivalent or permission of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1108) Ng, T

HORT785 Advanced Post-Harvest Physiology; Grade Method: REG/AUD. Prerequisites: (BCHM 461, and HORT 474); or permission of department. 3 credits
0101 TuTh.....6:00pm- 7:15pm (HZF 1108) Solomos, T

HORT798 Advanced Seminar; Grade Method: SATISFACTORY/AUDIT. 1 credit
0101 M.....4:00pm- 4:50pm (HZF 0128B) Quebedeaux, B

HORT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HORT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HSAD Housing and Design (Arts and Humanities)

HSAD341 Contemporary Developments in Architecture, Interiors, Furnishings; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 246 or permission of department. Offered spring only. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 1400) Tasi, P

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 342. For interior design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB Hoover, B

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 343. For interior design majors only. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB Tasi, P

Beginning Fall 1990 semester, HSAD 345 will be offered fall semesters only.

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 344. For interior design majors only. Class meets first 8 weeks: Jan 26- March 13. Attendance on the first day of classes is mandatory. 4 credits
0101 Meets 01/22/91 - 03/12/91 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108) LAB

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 440. For interior design majors only. Class meets second 8 weeks: March 23- May 14. Attendance on the first day of classes is mandatory. 4 credits
0101 Meets 03/13/91 - 05/13/91 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108) LAB

ITAL Italian (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Charles Russell.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2206) STAFF
Tu.....9:00am- 9:50am (JMZ 2120)
0201 MWF.....10:00am-10:50am (JMZ 0103) STAFF
Tu.....10:00am-10:50am (JMZ 0122)
0301 MWF.....12:00pm-12:50pm (JMZ 0120) STAFF
Tu.....12:00pm-12:50pm (JMZ 0103)
0401 MWF.....1:00pm- 1:50pm (JMZ 0125) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0122)

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 101 or permission of department. 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 2120) STAFF
0201 MWThF.....10:00am-10:50am (JMZ 2120) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 0125) STAFF
Th.....12:00pm-12:50pm (JMZ 0125)

ITAL122 Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) Amodeo, S

ITAL122H Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) Amodeo, S

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122. 4 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0122) Russell, C
Th.....1:00pm- 1:50pm (JMZ 0122)

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 203 or ITAL 122, or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2120) Falvo, G

ITAL211 Intermediate Conversation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 203 or permission of department. Not open to native speakers. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2122) Russell, C

ITAL301 Composition and Style; Grade Method: REG/P-F/AUD. Prerequisite: ITAL 204 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Amodeo, S

ITAL370 Italian Civilization - in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 370 or ITAL 470. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Falvo, G

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. 1-3 credits

ITAL411 Dante - in Translation; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Credit will be granted for only one of the following: ITAL 411 or ITAL 412. Class is taught in English. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL412 Dante - in Italian; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 411 or ITAL 412. Meets one additional hour per week. See Dr. Russell for details. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL470 Italian Civilization - in Italian; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 470 or ITAL 370. Meets one extra hour per week. See department for details. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Falvo, G

ITAL498 Special Topics in Italian Literature: 19th and 20th Century Italian Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2123) Russell, C

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

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JAPN Japanese (Arts and Humanities)

JAPN102 Elementary Japanese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 101 or equivalent. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 1109) Ramsey, S
0201 MWF.....11:00am- 1:00pm (HZF 1106) Miura, E
0301 MWF.....11:00am- 1:00pm (JRN 1101) Yaginuma, K

JAPN203 Intermediate Spoken Japanese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 201 or equivalent. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1124) Miura, E
0201 MWF.....9:00am- 9:50am (JMZ 2102) Yaginuma, K

JAPN204 Intermediate Written Japanese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 202 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) Miura, E

JAPN302 Advanced Japanese II; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 301 or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) Sano, T

JAPN304 Business Japanese II; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 303 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1124) Yaginuma, K

JAPN402 Readings in Modern Japanese II; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 401 or equivalent. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1215) Sano, T

JAPN414 Masterpieces of Classical Japanese Literature in Translation; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1109) Kerkham, H

JAPN421 History of the Japanese Language; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1104) Ramsey, S

JAPN499A Directed Study in Japanese: Diplomatic Translation; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged STAFF

JAPN499B Directed Study in Japanese; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

JOUR Journalism (Journalism)

JOUR100 Introduction to Mass Communication; Grade Method: REG. USP Distributive Studies Area D Course. Credit for JOUR 100 does not apply toward degree requirements for journalism majors. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Smith, M

JOUR101 Professional Orientation; Grade Method: REG. Formerly JOUR 001. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check syllabus on first day of classes for exact schedule. 1 credit
0101 MW.....11:00am-11:50am (JMZ 0220) Stewart, G

JOUR201 Writing For Mass Media; Grade Method: REG. Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute typing ability; provisional or direct admission to journalism major. Must have at least 28 credit hours earned. A 5-minute typing test is required. It will be offered January 18, 10AM-12PM, January 23, 12PM-2PM and 4PM-6PM, January 25, 1PM-3PM, in JRN 3102. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given on January 18, 2PM-4PM, in JRN 3103. Register for the proficiency test in JRN 1117. Students not passing the typing test will be dropped at the end of the first week of classes to allow room for wait-list admits. 3 credits
0101 M.....8:00am-10:00am (JRN 3103) Burnett, C
W.....8:00am-10:00am (JRN 3103) LAB
0201 M.....12:00pm- 2:00pm (JRN 3103) Burnett, C
W.....12:00pm- 2:00pm (JRN 3103) LAB
0301 Tu.....8:00am-10:00am (JRN 3102) Sheler, S
Th.....8:00am-10:00am (JRN 3102) LAB
0401 Tu.....6:00pm- 8:00pm (JRN 3111) Goldman, J
Th.....6:00pm- 8:00pm (JRN 3111) LAB
0501 Tu.....12:00pm- 2:00pm (JRN 3111) Twomey, J
Th.....12:00pm- 2:00pm (JRN 3111) LAB
0601 M.....8:00am-10:00am (JRN 3111) Twomey, J
W.....8:00am-10:00am (JRN 3111) LAB

JOUR202 Editing For the Mass Media; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. For majors only. Must have at least 28 credit hours earned. 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3103) Stepp Jr., A
Th.....10:00am-12:00pm (JRN 3103) LAB
0201 Tu.....4:00pm- 6:00pm (JRN 3103) Smith, M
Th.....4:00pm- 6:00pm (JRN 3103) LAB
0301 M.....12:00pm- 2:00pm (JRN 3111) McAdams, K
W.....12:00pm- 2:00pm (JRN 3111) LAB
0401 M.....10:00am-12:00pm (JRN 3102) Grover, R
W.....10:00am-12:00pm (JRN 3102) LAB
0501 Tu.....10:00am-12:00pm (JRN 3102) Smith, M
Th.....10:00am-12:00pm (JRN 3102) LAB
0601 M.....8:00am-12:00am (JRN 3102) Obermeyer, H
W.....8:00am-10:00am (JRN 3102) LAB

JOUR320 News Reporting; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. For JOUR majors only. 3 credits
0101 Tu.....2:00pm- 4:00pm (JRN 3103) Stepp Jr., A
Th.....2:00pm- 4:00pm (JRN 3103) LAB
0201 M.....2:00pm- 4:00pm (JRN 3102) Beasly, M
W.....2:00pm- 4:00pm (JRN 3102) LAB
0301 M.....4:00pm- 6:00pm (JRN 3111) Gibson, J
W.....4:00pm- 6:00pm (JRN 3111) LAB
0401 Tu.....4:00pm- 6:00pm (JRN 3111) Burnett, C
Th.....4:00pm- 6:00pm (JRN 3111) LAB

JOUR322 Advanced Reporting: Beats and Investigation; Grade Method: REG. Prerequisite: JOUR 320. 3 credits
0101 W.....12:00pm- 2:00pm (JRN 1116) Stepp Jr., A
Time and room to be arranged LAB

JOUR328 Specialized News Reporting; Grade Method: REG. Prerequisite: JOUR 320. This course is linked to Reporting Bureau Program. Acceptance into program is required for enrollment. 3 credits
0101 TBA (JRN 2116) Callahan, C

JOUR330 Public Relations Theory; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Majors and BMGT 0515A and BMGT 05090. 3 credits
0101 MW.....3:30pm- 4:45pm (JRN 1105) Grunig, J

JOUR331 Public Relations Techniques; Grade Method: REG. Prerequisites: JOUR 330; and grade of C or better in JOUR 202. 3 credits
0101 Tu.....2:00pm- 4:00pm (JRN 3111) Zerbinos, E
Th.....2:00pm- 4:00pm (JRN 3111) LAB
0201 M.....4:00pm- 6:00pm (JRN 3103) Marra, F
W.....4:00pm- 6:00pm (JRN 3103) LAB

JOUR333 Organizational Communication in Public Relations; Grade Method: REG/P-F/AUD. Prerequisites: JOUR 330; and grade of C or better in JOUR 202. 3 credits
0101 Tu.....9:00am-12:00pm (JRN 3111) Zerbinos, E

JOUR340 Advertising Communication; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Majors only and BMGT 0515A and BMGT 05090. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1105) Keenan, K

JOUR341 Advertising Techniques; Grade Method: REG. Prerequisites: JOUR 340; and grade of C or better in JOUR 202. 3 credits
0101 M.....10:00am-12:00pm (JRN 3111) Zanot, E
W.....10:00am-12:00pm (JRN 3111) LAB
0201 M.....2:00pm- 4:00pm (JRN 3111) Zanot, E
W.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR342 Advertising Media Planning; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 340. 3 credits
0101 Tu.....8:00am- 9:15am (JRN 3103) Keenan, K
Th.....8:00am- 9:15am (JRN 3103) LAB

0201 Tu.....9:30am-10:45am (JRN 1104) Keenan, K
Th.....9:30am-10:45am (JRN 1104) LAB

JOUR350 Photojournalism; Grade Method: REG. 3 credits
Prerequisite: grade of C or better in JOUR 201. Not open to students who have completed JOUR 372. Majors only. Students should estimate lab costs running approximately $135 plus 35 mm equipment.
0101 Tu.....2:00pm- 4:00pm (JRN 1105) Roche, J
Tu.....4:00pm- 6:00pm (JRN 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG. 3 credits
Prerequisite: JOUR 350. Class expenses will be approximately $125 plus 35mm equipment. Students will spend several hours per week on field assignments in addition to scheduled class sessions.
0101 Th.....2:00pm- 4:00pm (JRN 1101) Roche, J
Th.....4:00pm- 6:00pm (JRN 2116) LAB

JOUR360 Broadcast News I; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: grade of C or better in JOUR 201. Majors only.
0101 M.....10:00am-12:00pm (JRN 3103) Holman, B
W.....10:00am-12:00pm (JRN 3103) LAB
0201 Tu.....12:00pm- 2:00pm (JRN 3103) Barkin, S
Th.....12:00pm- 2:00pm (JRN 3103) LAB

JOUR361 Broadcast News II; Grade Method: REG. 3 credits
Prerequisite: JOUR 360. Majors only. Students will spend several hours per week on field assignments, in addition to scheduled class sessions.
0101 Tu.....1:00pm- 2:00pm (JRN 1104) Rhodes, C
Tu.....2:00pm- 6:00pm (JRN 3120) LAB
0102 Tu.....1:00pm- 2:00pm (JRN 1104) Rhodes, C
Th.....2:00pm- 6:00pm (JRN 3120) LAB

JOUR371 Magazine Article and Feature Writing; 3 credits
Grade Method: REG. Prerequisite: JOUR 320. Majors only.
0101 M.....7:00pm- 9:45pm (JRN 3103) Bussey, C
0201 W.....7:00pm- 9:45pm (JRN 3103) STAFF

JOUR373 Graphics; Grade Method: REG. 3 credits
Prerequisite: grade of C or better in JOUR 202. Majors only.
0101 Th.....6:00pm- 8:00pm (JRN 3102) Miller, A
Th.....8:00pm-10:00pm (JRN 3102) LAB
0201 Tu.....12:00pm- 2:00pm (JRN 3102) Miller, A
Th.....12:00pm- 2:00pm (JRN 3102) LAB

JOUR374 Magazine Production; Grade Method: 3 credits
REG/P-F/AUD. Prerequisites: JOUR 371; and JOUR 373.
0101 Time and room to be arranged Barkin, S

JOUR380 Science Writing for Magazines and 3 credits
Newspapers; Grade Method: REG.
Prerequisite: JOUR 320 or permission of department.
0101 Time and room to be arranged STAFF

JOUR396 Supervised Internship; Grade Method: REG. 3 credits
Prerequisites: grade of C or better in JOUR 202; and first course of journalism sequence related to techniques [i.e. JOUR 320; or JOUR 331; or JOUR 341; or JOUR 350; or JOUR 360; or JOUR 380] and permission of department. Site and placement arrangements must be approved in advance in room JRN 1118 no later than 02/01/90.
0101 Time and room to be arranged Kay, L

JOUR397 Professional Seminar; Grade Method: 3 credits
REG/P-F/AUD. Prerequisites: grade of C or better in JOUR 201; and permission of department. This course linked to full-time Reporting Bureau Program. Acceptance into program required for course enrollment.
0101 Time and room to be arranged Callahan, C

JOUR398 Independent Study; Grade Method: REG. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

JOUR400 Law of Mass Communication; Grade Method: 3 credits
REG.

0101 Tu.....6:00pm- 9:00pm (HJP 0226) STAFF

JOUR450 Mass Media in Society; Grade Method: 3 credits
REG/P-F/AUD.
0101 MW.....9:30am-10:45am (JRN 1104) Hiebert, R

JOUR459A Special Topics in Mass Communication: 3 credits
Coverage of Racial Issues; Grade Method: REG/P-F/AUD.
0101 MW.....2:00pm- 3:15pm (JRN 1105) Holman, B

JOUR459C Special Topics in Mass Communication: 3 credits
Journalism and Technology; Grade Method: REG/P-F/AUD.
0101 Th.....9:00am-12:00pm (EDU 4233) Zerbinos, E

JOUR477 Mass Communication Research; Grade Method: 3 credits
REG. Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.
0101 TuTh.....9:30am-10:45am (JRN 1105) Roche, J
0201 MW.....2:00pm- 3:15pm (JRN 1104) Newhagen, J

JOUR484 Advertising Campaigns; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: JOUR 341; and JOUR 342. Majors only. Must have at least 56 credits earned.
0101 Tu.....6:30pm- 9:30pm (JRN 1104) Plumbor, A
0201 Th.....6:30pm- 9:30pm (JRN 1104) STAFF

JOUR600 Research Methods in Mass Communication; 3 credits
Grade Method: REG/AUD.
0101 Tu.....4:15pm- 7:00pm (JRN 1116) Newhagen, J

JOUR601 Theories of Mass Communication; Grade 3 credits
Method: REG/AUD.
0101 Th.....4:15pm- 7:00pm (JRN 1116) Levy, M

JOUR621 Interpretation of Contemporary Affairs; 3 credits
Grade Method: REG/AUD. Prerequisite: JOUR 320.
0101 Tu.....7:00pm- 9:45pm (JRN 1116) STAFF

JOUR631 Seminar in Public Relations Publics; Grade 3 credits
Method: REG/AUD.
0101 M.....7:00pm- 9:45pm (JRN 1116) Grunig, J

JOUR632 Research Design in Public Relations; Grade 3 credits
Method: REG/AUD.
0101 Tu.....9:00am-12:00pm (JRN 1116) Grunig, L

JOUR698 Special Problems in Communication; Grade 3 credits
(PermReq) Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR710 Seminar in Mass Media History; Grade 3 credits
Method: REG/AUD.
0101 M.....9:00am-12:00pm (JRN 1116) Beasley, M

JOUR728 Topics in Public Affairs Reporting; Grade 3 credits
Method: REG/AUD. This course linked to Reporting Bureau Program. Acceptance into program required for enrollment.
0101 Time and room to be arranged Gallman, V

JOUR738 Topics in International and Cross-Cultural 3 credits
Communication; Grade Method: REG/AUD.
0101 M.....1:00pm- 4:00pm (JRN 1116) Hiebert, R

JOUR740 Seminar in Advertising Communication; 3 credits
Grade Method: REG/AUD.
0101 W.....7:00pm- 9:45pm (JRN 1101) Zanot, E

JOUR798 Masters Professional Fieldwork; Grade 2-6 credits
(PermReq) Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR799 Master's Thesis Research; Grade Method: 1-6 credits
REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES Kinesiology (Hlth & Human Performance)

Physical Education Activities - Coed

KNES100N Physical Education Activities: Men: 1 credit
Basketball (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22-1/28.
0001 Meets 01/22/91 - 03/12/91 STAFF
MW.....3:00pm- 5:00pm (HHP 2240) LAB

KNES1000 Physical Education Activities: Men: 2 credits
Basketball (Intermediate); Grade Method: REG/P-F.
0001 TuTh.....10:00am-12:00pm (HHP 2240) LAB STAFF

KNES110N Physical Education Activities: Men: 2 credits
Wrestling (Beginning); Grade Method: REG/P-F.
0001 MW.....12:00pm- 2:00pm (COL B0101) LAB STAFF

KNES130N Physical Education Activities: Coed: 1 credit
Archery (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13- 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....8:00am-10:00am (HHP 2240) LAB
0002 Meets 03/13/91 - 05/13/91 STAFF
MW.....10:00am-12:00pm (HHP 2240) LAB

KNES131N Physical Education Activities: Coed: 2 credits
Backpacking; Grade Method: REG/P-F.
0001 Tu.....2:00pm- 6:00pm (HLP 1101) LAB STAFF

KNES131V Physical Education Activities: Coed: 2 credits
Jogging; Grade Method: REG/P-F.
0001 MW.....9:00am-11:00am (HHP 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (HHP 2240) LAB STAFF
0003 TuTh.....10:00am-12:00pm (HHP 2240) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (HHP 0102) LAB STAFF

KNES131Z Physical Education Activities: Coed: 1 credit
Softball; Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13- 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....12:00pm- 2:00pm (HHP 2240) LAB
0002 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB
0003 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....12:00pm- 2:00pm (HHP 2240) LAB

KNES133N Physical Education Activities: Coed: 1 credit
Boating, Canoeing (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....1:00pm- 3:00pm (COL 1100D) LAB

KNES134N Physical Education Activities: Coed: 2 credits
Bowling (Beginning); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0003 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0004 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0005 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF

KNES134O Physical Education Activities: Coed: 2 credits
Bowling (Intermediate); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

KNES134P Physical Education Activities: Coed: 2 credits
Bowling (Advanced); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $0.50 per session.)
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF

KNES135P Physical Education Activities: Coed: Dance 1 credit
Social; Grade Method: REG/P-F.
0001 TuTh.....12:00pm- 1:15pm (HHP 0107) LAB STAFF

KNES136N Physical Education Activities: Coed: 1 credit
Fencing (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22 - 1/28.
0001 Meets 01/22/91 - 03/12/91 STAFF
MW.....2:00pm- 4:00pm (HHP 0107) LAB
0002 Meets 01/22/91 - 03/12/91 STAFF
TuTh.....10:00am-12:00pm (HHP 0107) LAB

KNES137N Physical Education Activities: Coed: Golf 1 credit
(Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 03/13/91 - 05/13/91 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB
0005 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) LAB

KNES137O Physical Education Activities: Coed: Golf 1 credit
(Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Meets in golf classroom. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13/-3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB

KNES140N Physical Education Activities: Coed: 1 credit
Tumbling and Floor Exercise; Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22-1/28.
0001 Meets 01/22/91 - 03/12/91 STAFF
MW.....10:00am-12:00pm (HHP 1120) LAB

KNES140S Physical Education Activities: Coed: 2 credits
Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F.
0001 MW.....12:00pm- 2:00pm (HHP 1120) LAB STAFF

KNES140W Physical Education Activities: Coed: 2 credits
Gymnastics, Tumbling and Balancing (Intermediate); Grade Method: REG/P-F.
0001 TuTh.....12:00pm- 2:00pm (HHP 1120) LAB STAFF

KNES144Q Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Beginning); Grade Method: REG/P-F.
0001 TuTh.....8:00am-10:00am (HHP 0107) LAB STAFF
0002 MW.....12:00pm- 2:00pm (HHP 0107) LAB STAFF
0003 TuTh.....1:00pm- 3:00pm (HHP 0107) LAB STAFF

KNES144R Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Intermediate); Grade Method: REG/P-F.
0001 MW.....10:00am-12:00pm (HHP 0107) LAB STAFF

KNES144T Physical Education Activities: Coed: 2 credits
Martial Arts, Self Defense; Grade Method: REG/P-F.
0001 TuTh.....7:00pm- 9:00pm (HHP 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (HHP 0107) LAB STAFF

KNES146N Physical Education Activities: Coed: 1 credit
Racquetball (Beginning); Grade Method: REG/P-F.
0001 MWF.....11:00am-11:50am (HHP 0222) LAB STAFF
0002 MWF.....1:00pm- 1:50pm (HHP 0222) LAB STAFF
0003 TuTh.....9:00am-10:15am (HHP 0222) LAB STAFF
0004 TuTh.....1:00pm- 2:15pm (HHP 0222) LAB STAFF
0005 TuTh.....2:00pm- 3:15pm (HHP 0222) LAB STAFF
0006 TuTh.....3:00pm- 4:15pm (HHP 0222) LAB STAFF
0007 MWF.....10:00am-10:50am (HHP 0222) LAB STAFF
0008 MWF.....9:00am- 9:50am (HHP 0222) LAB STAFF

KNES146O Physical Education Activities: Coed: 1 credit
Racquetball (Intermediate); Grade Method: REG/P-F.
0001 MWF.....3:00pm- 3:50pm (HHP 0222) LAB STAFF
0002 TuTh.....10:00am-11:15am (HHP 0222) LAB STAFF
0003 TuTh.....11:00am-12:15pm (HHP 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (HHP 0222) LAB STAFF

KNES147N Physical Education Activities: Coed: Scuba 2 credits
(Beginning); Grade Method: REG/P-F. Students must obtain departmental permission once classes begin. Students must attend all scheduled class sessions.
0001 MWF.....8:00am- 8:50am (COL 0102) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0102) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....10:00am-11:15am (COL 0102) Landers Jr., R
TuTh.....10:00am-11:15am (COL 1206) LAB

KNES150N Physical Education Activities: Coed: 1 credit
Skating Ice (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/22-1/26.
0101 MW.....9:00am-11:00am (COL 1100E) LAB STAFF

KNES150O Physical Education Activities: Coed: 1 credit
Intermediate Ice Skating; Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/22-1/26.
0101 MW.....9:00am-11:00am (COL 1100E) Hamon, J

KNES152N Physical Education Activities: Coed: 1 credit
Soccer (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....2:00pm- 4:00pm (HHP 2101) LAB

KNES152O Physical Education Activities: Coed: 1 credit
Soccer (Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB

KNES154N Physical Education Activities: Coed: 1 credit
Swimming (Beginning); Grade Method: REG/P-F.
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF
0002 TuTh.....9:00am-10:15am (COL 1206) LAB STAFF
0003 MWF.....10:00am-10:50am (COL 1206) LAB STAFF

KNES154O Physical Education Activities: Coed: 1 credit
Swimming (Intermediate); Grade Method: REG/P-F.
0001 MWF.....1:00pm- 1:50pm (COL 1206) LAB STAFF
0002 MWF.....9:00am- 9:50am (COL 1206) LAB STAFF

KNES154P Physical Education Activities: Coed: 2 credits
Swimming (Advanced); Grade Method: REG/P-F.
0001 TuTh.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

KNES154T Physical Education Activities: Coed: 1 credit
Swimming, Fitness (Beginning); Grade Method: REG/P-F.
0001 TuTh.....3:00pm- 4:15pm (PKT 1112) LAB STAFF

KNES154W Physical Education Activities: Coed: 2 credits
Swimming/Lifeguard Training Instructor; Grade Method: REG/P-F. Advanced swimming ability is a prerequisite to this course.
0001 MW.....8:00am-10:00am (PKT 1112) LAB STAFF
0002 TuTh.....8:00am- 10:00am (PKT 1112) LAB STAFF

KNES154Y Physical Education Activities: Coed: 2 credits
Swimming, Water Safety Instruction; Grade Method: REG/P-F. Current advanced life saving or lifeguard training certification is a prerequisite to this course.
0001 TuTh.....10:00am-12:00pm (PKT 1112) LAB STAFF

0002 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

KNES154Z Physical Education Activities: Coed: Water 1 credit
Polo; Grade Method: REG/P-F.
0001 TuTh.....1:00pm- 2:15pm (COL 1206) LAB STAFF

KNES155N Physical Education Activities: Coed: 1 credit
Tennis (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....8:00am-10:00am (COL 1100F) LAB
0002 Meets 03/13/91 - 05/13/91 STAFF
MW.....10:00am-12:00pm (COL 1100F) LAB
0003 Meets 03/13/91 - 05/13/91 STAFF
MW.....1:00pm- 3:00pm (COL 1100F) LAB
0004 Meets 03/13/91 - 05/13/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2240) LAB
0005 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....8:00am-10:00am (COL 1100F) LAB
0006 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....10:00am-12:00pm (COL 1100F) LAB
0007 Meets 03/13/91 - 05/13/91 STAFF
MW.....3:00pm- 5:00pm (HHP 2240) LAB
0008 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100F) LAB

KNES155O Physical Education Activities: Coed: 1 credit
Tennis (Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
MW.....3:00pm- 5:00pm (HHP 2101) LAB
0002 Meets 03/13/91 - 05/13/91 STAFF
MW.....10:00am-12:00pm (HHP 2101) LAB
0003 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) LAB
0004 Meets 03/13/91 - 05/13/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB
0005 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2240) LAB

KNES155P Physical Education Activities: Coed: 1 credit
Tennis (Advanced); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19.
0001 Meets 03/13/91 - 05/13/91 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB

KNES157N Physical Education Activities: Coed: 1 credit
Weight Training (Beginning); Grade Method: REG/P-F.
0001 MWF.....8:00am- 8:50am (HHP 0103) LAB STAFF
0002 MWF.....1:00pm- 1:50pm (HHP 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (HHP 0103) LAB STAFF
0004 MWF.....11:00am-11:50am (HHP 0103) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (HHP 0103) LAB STAFF
0006 MWF.....4:00pm- 4:50pm (HHP 0103) LAB STAFF
0007 TuTh.....8:00am- 9:15am (HHP 0103) LAB STAFF
0008 TuTh.....9:00am-10:15am (HHP 0103) LAB STAFF
0009 TuTh.....10:00am-11:15am (HHP 0103) LAB STAFF
0010 TuTh.....11:00am-12:15pm (HHP 0103) LAB STAFF
0011 TuTh.....4:00pm- 5:15pm (HHP 0103) LAB STAFF
0012 TuTh.....2:00pm- 3:15pm (HHP 0103) LAB STAFF

KNES157O Physical Education Activities: Coed: 1 credit
Weight Training (Intermediate); Grade Method: REG/P-F.
0001 MWF.....12:00pm-12:50pm (HHP 0103) LAB STAFF
0002 TuTh.....12:00pm- 1:15pm (HHP 0103) LAB STAFF
0003 TuTh.....3:00pm- 4:15pm (HHP 0103) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (HHP 0103) LAB STAFF
0005 TuTh.....5:00pm- 5:50pm (HHP 0103) LAB STAFF

KNES157Q Physical Education Activities: Coed: Body 1 credit
Building; Grade Method: REG/P-F.
0001 TuTh.....1:00pm- 2:15pm (HHP 0103) Stavisky, S

KNES160N Physical Education Activities: Coed: 1 credit
Volleyball (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22-1/28.
0001 Meets 01/22/91 - 03/12/91 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB

KNES1600 Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22 - 1/28. — 1 credit
0001 Meets 01/22/91 - 03/12/91 — STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB
0002 Meets 01/22/91 - 03/12/91 — STAFF
MW.....10:00am-12:00pm (HHP 2101) LAB

KNES160P Physical Education Activities: Coed: Advanced Volleyball; Grade Method: REG/P-F. — 2 credits
0001 TuTh.....3:00pm- 5:00pm (HHP 2101) LAB — STAFF
0002 MW.....3:00pm- 5:00pm (HHP 2101) LAB — STAFF

KNES161N Physical Education Activities: Coed: Conditioning (Beg); Grade Method: REG/P-F. — 2 credits
0001 MW.....12:00pm- 2:00pm (COL 0108) LAB — STAFF
0002 TuTh.....12:00pm- 2:00pm (COL 0108) LAB — STAFF
0003 TuTh.....1:00pm- 3:00pm (HHP 2240) LAB — STAFF

KNES161Q Physical Education Activities: Coed: Conditioning - (Aerobic Dance); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....11:00am- 1:00pm (HHP 0102) LAB — STAFF
0002 TuTh.....10:00am-12:00pm (COL 0108) LAB — STAFF
0003 MW.....3:00pm- 5:00pm (HHP 0102) LAB — STAFF
0004 MW.....9:00am-11:00am (HHP 0102) LAB — STAFF
0005 TuTh.....1:00pm- 3:00pm (HHP 0102) LAB — STAFF
0006 TuTh.....7:00pm- 9:00pm (HHP 0102) LAB — STAFF
0007 MW.....1:00pm- 3:00pm (HHP 0102) LAB — STAFF

KNES161S Physical Education Activities: Coed: Conditioning (Aerobic Dance - Intermediate); Grade Method: REG/P-F. — 2 credits
0001 MW.....1:00pm- 3:00pm (HHP 2240) LAB — STAFF
0002 MW.....11:00am- 1:00pm (HHP 0102) LAB — STAFF
0003 TuTh.....3:00pm- 5:00pm (HHP 0102) LAB — STAFF

KNES161U Physical Education Activities: Coed: Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....9:00am-11:00am (HHP 0102) LAB — STAFF

KNES183 Movement Content for Elementary School Children; Grade Method: REG. Formerly PHED 183. — 3 credits
0101 TuTh.....8:00am-10:00am (HHP 0305) — Epstein, K
TuTh.....8:00am-10:00am (HHP 2240) LAB

KNES200 Gymnastics Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 200. — 2 credits
0101 TuTh.....1:00pm- 3:00pm (HHP 1120) — Murray, J

KNES204 Basketball Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 204. Students must obtain departmental permission once classes begin. Meets first eight weeks of term only. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22 - 1/28. — 1 credit
0101 Meets 01/22/91 - 03/12/91 — STAFF
MW.....10:00am-12:00pm (HHP 2240) LAB

KNES210 Field Games Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 210. — 1 credit
0101 F.....10:00am-12:00pm (HHP 2240) LAB — STAFF

KNES217 Tennis Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 217. Meets second eight weeks of term only. Students are required to attend classes beginning 3/13/91. Schedule Adjustment Period is 3/13 - 3/19. — 1 credit
0101 Meets 03/13/91 - 05/13/91 — STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB

KNES218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F. First class meeting - PRH 2351. — 1 credit
0101 Time and room to be arranged LAB — STAFF

KNES221 Volleyball Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 221. Meets first eight weeks of term only. Students must obtain departmental permission once classes begin. Students are required to attend classes beginning 1/22/91. Schedule Adjustment Period is 1/22 - 1/28. — 1 credit
0101 Meets 01/22/91 - 03/12/91 — STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB

KNES222 Weight Training Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 222. — 1 credit
0101 MW.....9:00am- 9:50am (HHP 1302) — STAFF
MWF.....9:00am- 9:50am (HHP 0103) LAB

KNES224 Aerobics Skills Laboratory; Grade Method: REG/P-F. Formerly PHED 224. — 1 credit
0101 MWF.....8:00am- 8:50am (HHP 1303) — Owens, L
MWF.....8:00am- 8:50am (HHP 1120) LAB

KNES261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD. Formerly PHED 261. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 0305) — STAFF
MWF.....9:00am- 9:50am (HHP 0305) LAB

KNES287 Sport and American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 287. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 1303) — Vander Velden,
0201 TuTh.....11:00am-12:15pm (HHP 1303) — Vander Velden,

KNES289 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

KNES293 History of Sport in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly PHED 293. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 1312) — Zang, D

KNES300 Biomechanics of Human Motion; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300. — 4 credits
0101 TuTh.....1:00pm- 4:00pm (HHP 0302) — Kelley, D
0201 TuTh.....9:30am-10:45am (HHP 1302) — Phillips, S
Tu.....11:00am-12:30pm (HHP 1302) LAB
0202 TuTh.....9:30am-10:45am (HHP 1302) — Phillips, S
Th.....11:00am-12:30pm (HHP 1302) LAB

KNES333 Physical Activity for the Handicapped; Grade Method: REG/P-F/AUD. Formerly PHED 333. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 0305) — STAFF

KNES335 Swimming Pool Management; Grade Method: REG/P-F/AUD. Formerly PHED 335. — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0100) LAB — Wenhold, J

KNES340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD. Formerly PHED 340. — 2 credits
0101 MW.....9:00am- 9:50am (HHP 1301) — Drum, B

KNES344 Theory of Coaching Swimming; Grade Method: REG/P-F/AUD. Formerly PHED 344. — 2 credits
0101 TuTh.....10:00am-10:50am (COL 0104) — Wenhold, J

KNES350 The Psychology of Sports; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 350. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 1301) — Steel, D
0201 TuTh.....8:00am- 9:15am (HHP 1312) — Hatfield, B
0301 TuTh.....2:00pm- 3:15pm (HHP 1302) — Brown, E

KNES351 Contemporary Issues in American Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 287. Formerly PHED 351. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0306) — Vander Velden,

KNES360 Physiology of Exercise; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: [ZOOL 201; and ZOOL 202]; or permission of department. Formerly PHED 360. — 3 credits
0101 TuTh.....10:00am-12:00pm (HHP 2132) — STAFF
0201 TuTh.....1:00pm- 3:00pm (HHP 2132) — Ryder, M

KNES361 Weight Control Through Diet and Exercise; Grade Method: REG/P-F/AUD. Lecture and laboratory. Formerly PHED 361. — 3 credits
0101 MWF.....9:00am- 9:50am (COL 0100) — Miller, J
MWF.....9:00am- 9:50am (COL 0102) LAB

KNES362 Philosophy of Sport; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Formerly PHED 362. — 3 credits
0101 MWF.....10:00am-10:50am (HHP 1301) — Hult, J

KNES370 Motor Development; Grade Method: REG/AUD. Formerly PHED 370. — 3 credits
0101 M.....7:00pm- 9:30pm (HHP 1312) — Clark, J
M.....6:00pm- 7:00pm (HHP 0307) LAB
0102 M.....7:00pm- 9:30pm (HHP 1312) — Clark, J
M.....12:00pm- 1:00pm (HHP 0305) LAB
0103 M.....7:00pm- 9:30pm (HHP 1312) — Clark, J
M.....1:00pm- 2:00pm (HHP 0305) LAB

KNES381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 381. — 3 credits
0101 MW.....8:00am- 8:50am (HHP 1302) — Bush, J
F.....8:00am-10:00am (HHP 1302) LAB

KNES385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 385. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 1303) — Tyler, R

KNES389 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

KNES389E Topical Investigations: Microcomputer Applications for Kinesiology/Physical Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 1304) — SantaMaria, D
TuTh.....9:30am-10:45am (HHP 0303) LAB

KNES390 Practicum in Teaching Physical Education; Grade Method: REG/P-F/AUD. Prerequisite: KNES 314. Formerly PHED 390. — 3 credits
0101 MW.....10:00am-12:00pm (HHP 0303) — Arrighi, M

KNES455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 455. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0303) — Hatfield, B

KNES461 Exercise and Body Composition; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 461. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 1303) — Ryder, M

KNES480 Measurement in Physical Education; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110. Formerly PHED 480. — 3 credits
0101 TuTh.....1:00pm- 3:00pm (HHP 0305) — Steel, D

KNES481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD. Prerequisites: KNES 300; and KNES 360; and KNES 370; and KNES 385. Formerly PHED 481. — 3 credits
0101 TuTh.....2:30pm- 4:00pm (HHP 0307) — SantaMaria, D

KNES490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 180 or KNES 287. Formerly PHED 490. — 3 credits
0101 M.....7:00pm- 9:30pm (HHP 1302) — Scott, M

KNES491 The Curriculum in Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 491. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 0303) — Ennis, C

KNES492 History of the Sportswoman in American Organizations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: KNES 293. Formerly PHED 492. — 3 credits
0101 MWF.....8:00am- 8:50am (HHP 0306) — Hult, J

KNES493 History and Philosophy of Sport and Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 493. — 3 credits
0101 MWF.....8:00am- 8:50am (HHP 1301) — Zang, D

KNES496 Quantitat ve Methods; Grade Method: REG/P-F/AUD. Formerly PHED 496. — 3 credits
0101 M.....4:00pm- 6:30pm (HHP 1303) — Dotson, C

KNES497 Independent Studies Seminar; Grade Method: REG/P-F. Formerly PHED 497. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 2132) — Tyler, R

KNES498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F. — 3 credits
0101 Time and room to be arranged — Wrenn, J

KNES498B Special Topics in Physical Education: Developmental Motor Learning; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 0303) — Clark, J

KNES609 (PermReq) Research Issues in Physical Education; Grade Method: REG. — 1 credit
0101 Time and room to be arranged — Wrenn, J

KNES670 Biomechanics Theory; Grade Method: REG/AUD. Prerequisite: MATH 141 or MATH 221. Formerly PHED 670. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 2132) — Caldwell, G

KNES689 (PermReq) Special Problems in Physical Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

KNES689B Special Problems in Physical Education: Sport Organization and Behavior Management; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:30pm (HHP 0301) — Chalip, L

KNES689C Special Problems in Physical Education: Administration of Intercollegiate Athletics; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 1302) — Gurney, G

KNES689D Special Problems in Physical Education: Enhancing School Climate though Teacher Empowerment; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (HHP 0306) — Scott, M

KNES689F Special Problems in Physical Education: Instructional Innovations in Physical Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:30pm- 7:00pm (HHP 0302) — Arrighi, M

KNES689M Special Problems in Physical Education: Multicultural Physical Education; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:30pm- 7:00pm (HHP 0305) — Ennis, C

KNES693 Pulmonary Dynamics in Exercise Physiology; Grade Method: REG/AUD. Prerequisite: KNES 690. Formerly PHED 693. — 3 credits
0101 M.....4:00pm- 6:30pm (HHP 2132) — Rogers, M

KNES694 Metabolic Aspects of Exercise Physiology; Grade Method: REG/AUD. Prerequisite: KNES 360 or KNES 690. Recommended: BCHM 461 and BCHM 462. Formerly PHED 694. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 2132) — Hurley, B

KNES789A Advanced Seminar: Statistics; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HHP 1303) — Dotson, C

KNES789C Advanced Seminar: Psychology of Sport; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (HHP 0303) — Steel, D

KNES789L Advanced Seminar: Electromyographic Kinesiology; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 2132) — Kelley, D

KNES789P Advanced Seminar: Sports Management; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 1302) — Chalip, L

KNES798A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG. Permission of instructor required. — 1-8 credits
0101 Time and room to be arranged — Wrenn, J

KNES799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

KNES899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit. — 4 credits
0101 MWF.....9:00am- 9:50am (COL 3110) — STAFF
Th.....9:00am- 9:50am (COL 3110)
0201 MWThF.....11:00am-11:50am (HZF 1101) — STAFF

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 102 for credit with departmental permission. — 4 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1102) — Staley, G
W.....2:00pm- 2:50pm (JMZ 2206)
0201 MWThF.....9:00am- 9:50am (COL 0104) — STAFF

LATN201 Intermediate Latin I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisites: LATN 101; LATN 102 or equivalent. Formerly LATN 203. — 4 credits
0101 MWThF.....11:00am-11:50am (COL 3111) — STAFF

LATN302 Ovid; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (COL 0100) — Hallett, J

LATN472 Historical Development of the Latin Language; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: LATN 472 or LING 431. — 3 credits
0101 M.....4:30pm- 7:10pm (JMZ 1104) — Hallett, J

LATN488 Latin Readings; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

LATN622 The Age of Caesar; Grade Method: REG/AUD. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 1104) — STAFF

LATN672 Historical Development of the Latin Language; Grade Method: REG/AUD. — 3 credits
0101 M.....4:30pm- 7:10pm (JMZ 1104) — Hallett, J

LATN699 Independent Studies in Latin Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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LBSC Library Science (Library & Info Services)

LBSC488E (PermReq) Recent Trends and Issues in Library and Information Services: Introduction to Expert Systems with Illustrations in PROLOG; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:30pm- 5:15pm (HBK 0117) — Soergel, D

LBSC499A (PermReq) Workshops, Clinics, and Institutes: Workshop in Archival Automation; Grade Method: S-F. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) — Burke, F

All LBSC courses numbered 600 and above require permission of department. Check course listing for specific restrictions. Courses LBSC 600, 651,671, and 690 or 691 are required upon entry into the program.

LBSC600 (PermReq) Proseminar: Development and Operation of Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....9:30am-10:45am (HBK 0109) — Kidd, J
0201 Th.....5:30pm- 8:15pm (HBK 0109) — Kidd, J

LBSC621 (PermReq) Library Service to the Disadvantaged; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 0103) — Cunningham, W

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) — Wasserman, P

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0105) — Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0115) — MacLeod, A
0201 W.....5:00pm- 7:45pm (HBK 0115) — Williams, H

LBSC651 (PermReq) Reference and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0103) — Choi, J
0201 W.....5:30pm- 8:15pm (HBK 0109) — Cunningham, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0105) — Jeng, L
0201 Tu.....6:00pm- 8:45pm (HBK 0115) — Michener, D

LBSC690 (PermReq) Data Processing for Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0113) — Choi, J

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0103) — Liebscher, P
0201 Th.....5:30pm- 8:15pm (HBK 0103) — STAFF

LBSC701 (PermReq) Research Methods in Library and Information Studies; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MW.....2:30pm- 3:45pm (HBK 0105) — Marchionini, G

LBSC702 (PermReq) User Instruction; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 4113) — Liesener, J

LBSC706 (PermReq) Seminar in International and Comparative Librarianship and Information Science; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4113) — Wasserman, P

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD. Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and [LBSC 690 or LBSC 691] and permission of both department and instructor. Signed instructor approval form must be presented to CLIS Admission Office. — 3 credits
0101 Time and room to be arranged — Wilson, W

LBSC708D (PermReq) Special Topics in Library and Information Service: Database Management; Grade Method: REG. — 3 credits
0101 Th.....9:30am-12:15pm (HBK 0105) — Green, R

LBSC708U (PermReq) Special Topics in Library and Information Service: Classification Theory; Grade Method: REG/AUD. — 3 credits
0101 M.....9:30am-12:15pm (HBK 4115) Green, R

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC727 (PermReq) Science Information and the Organization of Science; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0105) Kidd, J

LBSC742 (PermReq) Instructional Development Roles of Library Media Specialists; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 643 or permission of instructor. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 4113) Neuman, D

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 741; and [LBSC 742 or EDCI 605 or permission of instructor]. — 3 credits
0101 W.....1:00pm- 3:45pm (HBK 4113) Liesener, J

LBSC748 (PermReq) Advanced Seminar in Children's Literature; Grade Method: REG/AUD. Prerequisite: LBSC 645. Instructor approval form must be presented to CLIS Admissions Office and registration must be accompanied by Course Authorization Form. — 3 credits
0101 Th.....1:00pm- 3:45pm (HBK 4115) MacLeod, A

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD. Prerequisites: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 MW.....8:30am-10:45am (HBK 0103) White, M
0201 W.....5:30pm- 8:15pm (HBK 0103) Choi, J

LBSC751 (PermReq) Literature and Research in the Humanities; Grade Method: REG/AUD. Prerequisites: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0103) Aversa, E

LBSC767 (PermReq) Governmental Information Systems; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0103) White, M

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 671 or permission of instructor. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0105) Jeng, L

LBSC775 (PermReq) Construction and Maintenance of Index Languages and Thesauri; Grade Method: REG/AUD. Prerequisite: permission of department; and LBSC 675 or permission of instructor. — 3 credits
0101 Tu.....2:30pm- 5:15pm (HBK 0103) Soergel, D

LBSC786 (PermReq) Library and Archives Preservation; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....6:30pm- 9:15pm (HBK 4115) Garlick, K

LBSC791 (PermReq) Computer Applications in Information Management; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 690 or LBSC 691 or permission of instructor. — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4113) Marchionini, G

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Information and Society; Grade Method: REG/AUD. Limited to doctoral students and advanced MLS students with permission of instructor. Instructors are Dr. Frank Burke and Dr. Claude Walston. — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 4115) Burke, F

LBSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Not open to students who have completed ANTH 371 or HESP 120. Credit will be granted for only one of the following: LING 100 or LING 200. Basis for future work in linguistics. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2110) Coleman, L
0201 TuTh.....9:30am-10:45am (JMZ 2206) Chuang, L
0301 TuTh.....12:30pm- 1:45pm (COL 3110) Xu, J
0401 MWF.....10:00am-10:50am (COL 3111) Suh, S
0501 MW.....4:00pm- 5:15pm (HZF 1101) Munn, A
0601 TuTh.....3:30pm- 4:45pm (HBK 1116) Arnold, M
0701 MWF.....9:00am- 9:50am (HZF 1102) Varlokosta, S
0801 TuTh.....11:00am-12:15pm (COL 0100) Hutchison, N

LING240 Language and Mind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0123) Gorrell, P

LING312 Syntax II; Grade Method: REG/P-F/AUD. Prerequisite: LING 311. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0123) Lightfoot, D

LING322 Phonology II; Grade Method: REG/P-F/AUD. Prerequisite: LING 321. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0125) Kirchner, R

LING350 Philosophy of Language; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 170 or PHIL 173 or PHIL 371; or LING 311. — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0122) Devitt, M

LING411 Comparative Syntax; Grade Method: REG/P-F/AUD. Prerequisite: LING 312. — 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Stonham, J

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0109) Rosen, S

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG/P-F. — 1-3 credits
0101 Time and room to be arranged Lightfoot, D

LING611 Issues in Syntax; Grade Method: REG/AUD. Prerequisite: LING 610. — 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

LING621 (PermReq) Issues in Phonology; Grade Method: REG/AUD. Prerequisite: LING 620. — 3 credits
0101 Tu.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Time and room to be arranged DIS

LING645 (PermReq) Speech Processing; Grade Method: REG/AUD. Prerequisite: LING 312 or permission of instructor. — 3 credits
0101 Th.....3:30pm- 5:30pm (MIL 1106) Gorrell, P
Time and room to be arranged DIS

LING659 (PermReq) Structure of a Language: Romance Syntax; Grade Method: REG/AUD. Prerequisite: LING 312 or permission of instructor. — 3 credits
0101 M.....3:00pm- 5:00pm (HBK 1108) Uriagereka, J
Time and room to be arranged DIS

LING689 (PermReq) Independent Study; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Gorrell, P

LING698 (PermReq) Directed Study; Grade Method: REG. — 3 credits
0101 F.....2:00pm- 4:00pm (HBK 0109) Gorrell, P
Time and room to be arranged DIS

LING799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Phrase Structure; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 5:30pm (MIL 1106) Uriagereka, J
Time and room to be arranged DIS

LING819A (PermReq) Seminar in Syntactic Theory: Locality; Grade Method: REG/AUD. — 3 credits
0101 W.....1:00pm- 3:00pm (HBK 1116) Weinberg, A
Time and room to be arranged DIS

LING829 (PermReq) Seminar in Phonological Theory: Seminar in Phonological Theory; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 5:30pm (HBK 1108) Stonham, J
Time and room to be arranged LAB

LING889 Directed Research; Grade Method: REG/AUD. — 1-8 credits
0101 Time and room to be arranged Gorrell, P

LING895 Doctoral Research Paper; Grade Method: REG. — 1-6 credits
0101 Time and room to be arranged Gorrell, P

LING899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241; and [CMSC 110 or CMSC 113] or equivalent. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0304) Nochetto, R
0201 TuTh.....3:30pm- 4:45pm (MTH 0103) Glaz, H

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 240; and MATH 241; and CMSC 110] or equivalent. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0101) Osborn, J
0201 TuTh.....11:00am-12:15pm (CLB 0109) Kruskal, C

MAPL467 Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD. Prerequisite: MAPL/CMSC 466 or permission of department. Also offered as CMSC 467. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0109) Stewart, G

MAPL473 Methods and Models in Applied Mathematics II; Grade Method: REG/P-F/AUD. Prerequisite: MAPL 472 or permission of department. Also offered as MATH 473. Credit will be granted for only one of the following: MAPL 473 or MATH 473. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0302) Maddocks, J

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MAPL612 Numerical Methods in Partial Differential Equations; Grade Method: REG/AUD. Prerequisite: a graduate level one semester course in partial differential equations or a theoretical graduate level course in applied field such as fluid mechanics; or permission of instructor. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0107) Glaz, H

MAPL666 Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666. — 3 credits
0101 MWF.....9:00am- 9:50am (ITV 1100) Wolfe, P

MAPL667 Numerical Analysis II; Grade Method: REG/AUD. Prerequisite: MAPL 666. Also offered as CMSC 667. — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Babuska, I

MAPL671 Ordinary Differential Equations II; Grade Method: REG/AUD. Prerequisite: MATH 630; and MATH/MAPL 670 or equivalent. Also offered as MATH 671. — 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0301) Markley, N

MAPL674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD. Prerequisite: MATH/MAPL 673. Also offered as MATH 674. — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0107) Grillakis, M

MAPL681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD. Prerequisite: MATH/MAPL 680. Also offered as MATH 681. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0102) Pego, R

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MAPL698B Advanced Topics in Applied Mathematics: Mathematical Models in Biophysics; Grade Method: REG/AUD. Prerequisites: basic courses in ODE, PDE and Probability. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (MTH 0301) Freidlin, M

MAPL699 Applied Mathematics Seminar; Maximum Principles; Grade Method: REG/AUD. — 1 credit
0101 Tu.....2:00pm- 3:00pm (MTH 0403) Cook, C

MAPL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MATH Mathematics (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. The notation (3) credits is used only for billing and full-time or part-time status. Course chairperson- Cleary. There is a special fee of $135 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0403) STAFF
0102 MWF.....8:00am- 8:50am (MTH 1311) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0102) STAFF
0104 MWF.....8:00am- 8:50am (MTH B0429) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0403) STAFF
0202 MWF.....9:00am- 9:50am (MTH 1311) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0102) STAFF
0204 MWF.....9:00am- 9:50am (MTH B0429) STAFF
0301 MWF.....10:00am-10:50am (MTH 0403) STAFF
0302 MWF.....10:00am-10:50am (MTH 1311) STAFF
0303 MWF.....10:00am-10:50am (MTH 0102) STAFF
0304 MWF.....10:00am-10:50am (MTH B0427) STAFF
0401 MWF.....11:00am-11:50am (MTH 1313) STAFF
0402 MWF.....11:00am-11:50am (MTH 1311) STAFF
0403 MWF.....11:00am-11:50am (MTH 1308) STAFF
0404 MWF.....11:00am-11:50am (MTH 0302) STAFF
0405 MWF.....11:00am-11:50am (MTH 0411) STAFF
0501 MWF.....12:00pm-12:50pm (MTH B0421) STAFF
0502 MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0503 MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0504 MWF.....12:00pm-12:50pm (MTH 0104) STAFF
0505 MWF.....12:00pm-12:50pm (MTH B0423) STAFF
0601 MWF.....1:00pm- 1:50pm (MTH 1308) STAFF
0602 MWF.....1:00pm- 1:50pm (MTH 0302) STAFF
0603 MWF.....1:00pm- 1:50pm (MTH 0102) STAFF
0604 MWF.....1:00pm- 1:50pm (MTH 0104) STAFF
0605 MWF.....1:00pm- 1:50pm (MTH B0423) STAFF

MATH002 Advanced Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used for billing and full-time or part-time status. There is a special $135 fee for MATH 002. Anyone registering for MATH 002 must have already completed at least one full year of high school algebra. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. — 3 credits
0101 MWF.....9:00am- 9:50am (MTH 1308) STAFF
0102 MWF.....9:00am- 9:50am (MTH 0302) STAFF
0103 MWF.....9:00am- 9:50am (MTH 0411) STAFF
0104 MWF.....9:00am- 9:50am (MTH 0107) STAFF
0201 MWF.....10:00am-10:50am (MTH 1308) STAFF
0202 MWF.....10:00am-10:50am (MTH 0302) STAFF
0203 MWF.....10:00am-10:50am (MTH 0411) STAFF
0204 MWF.....10:00am-10:50am (MTH 0101) STAFF
0205 MWF.....10:00am-10:50am (MTH 0103) STAFF
0206 MWF.....10:00am-10:50am (MTH 1313) STAFF
0301 TuTh.....8:00am- 9:15am (MTH B0429) STAFF
0302 TuTh.....8:00am- 9:15am (MTH 1308) STAFF
0303 TuTh.....8:00am- 9:15am (MTH 0411) STAFF
0304 TuTh.....8:00am- 9:15am (MTH 0102) STAFF
0401 TuTh.....9:30am-10:45am (MTH B0429) STAFF
0402 TuTh.....9:30am-10:45am (MTH 1308) STAFF
0501 TuTh.....12:30pm- 1:45pm (MTH 1308) STAFF
0502 TuTh.....12:30pm- 1:45pm (MTH 0104) STAFF
0503 TuTh.....12:30pm- 1:45pm (MTH B0423) STAFF
0504 TuTh.....12:30pm- 1:45pm (MTH 0401) STAFF
0601 TuTh.....2:00pm- 3:15pm (MTH 1308) STAFF
0602 TuTh.....2:00pm- 3:15pm (MTH 0104) STAFF
0603 TuTh.....2:00pm- 3:15pm (MTH B0423) STAFF
0604 TuTh.....2:00pm- 3:15pm (MTH B0425) STAFF

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0407) STAFF
0102 MWF.....11:00am-11:50am (MTH 0405) STAFF
0103 MWF.....11:00am-11:50am (MTH 0201) STAFF
0104 MWF.....11:00am-11:50am (MTH 0306) STAFF
0105 MWF.....11:00am-11:50am (MTH 0307) STAFF
0106 MWF.....11:00am-11:50am (MTH 0303) STAFF
0107 MWF.....11:00am-11:50am (MTH 0304) STAFF
0108 MWF.....11:00am-11:50am (MTH 0103) STAFF
0201 MWF.....12:00pm-12:50pm (MTH 0407) STAFF
0202 MWF.....12:00pm-12:50pm (MTH 0405) STAFF
0203 MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0204 MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0205 MWF.....12:00pm-12:50pm (MTH 0307) STAFF
0206 MWF.....12:00pm-12:50pm (MTH 0303) STAFF
0207 MWF.....12:00pm-12:50pm (MTH 0304) STAFF
0208 MWF.....12:00pm-12:50pm (MTH 0103) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH 0407) STAFF
0302 MWF.....1:00pm- 1:50pm (MTH 0405) STAFF
0303 MWF.....1:00pm- 1:50pm (MTH 0201) STAFF
0304 MWF.....1:00pm- 1:50pm (MTH 0306) STAFF
0305 MWF.....1:00pm- 1:50pm (MTH 0307) STAFF
0306 MWF.....1:00pm- 1:50pm (MTH 0303) STAFF
0307 MWF.....1:00pm- 1:50pm (MTH 0304) STAFF
0308 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH 0407) STAFF
0402 MWF.....2:00pm- 2:50pm (MTH 0405) STAFF
0403 MWF.....2:00pm- 2:50pm (MTH 0201) STAFF
0404 MWF.....2:00pm- 2:50pm (MTH 0306) STAFF
0405 MWF.....2:00pm- 2:50pm (MTH 0307) STAFF
0406 MWF.....2:00pm- 2:50pm (MTH 0303) STAFF
0407 MWF.....2:00pm- 2:50pm (MTH 0304) STAFF
0408 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF

MATH111 (PermReq) Introduction to Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 111 or STAT 100. Students planning graduate work in mathematics should take MATH 403. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0409) STAFF
0102 MWF.....1:00pm- 1:50pm (MTH 0403) STAFF
0103 MWF.....1:00pm- 1:50pm (MTH 0106) STAFF
0104 MWF.....1:00pm- 1:50pm (MTH 0305) STAFF
0105 MWF.....1:00pm- 1:50pm (MTH 0105) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0409) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0403) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0106) STAFF
0204 MWF.....2:00pm- 2:50pm (MTH 0305) STAFF
0205 MWF.....2:00pm- 2:50pm (MTH 0105) STAFF

MATH115 (PermReq) Precalculus; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0407) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0405) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0201) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0306) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0106 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0107 MWF.....8:00am- 8:50am (MTH 0304) STAFF
0108 MWF.....8:00am- 8:50am (MTH 0103) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0407) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0405) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0201) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0206 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0207 MWF.....9:00am- 9:50am (MTH 0304) STAFF
0208 MWF.....9:00am- 9:50am (MTH 0103) STAFF
0301 MWF.....3:00pm- 3:50pm (MTH 0407) STAFF
0302 MWF.....3:00pm- 3:50pm (MTH 0405) STAFF
0303 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0304 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0305 MWF.....3:00pm- 3:50pm (MTH 0307) STAFF
0306 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0307 MWF.....3:00pm- 3:50pm (MTH 0304) STAFF
0308 MWF.....3:00pm- 3:50pm (MTH 0103) STAFF
0401 MWF.....4:00pm- 4:50pm (MTH 0407) STAFF
0402 MWF.....4:00pm- 4:50pm (MTH 0405) STAFF
0403 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF
0404 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF
0405 MWF.....4:00pm- 4:50pm (MTH 0307) STAFF
0406 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0407 MWF.....4:00pm- 4:50pm (MTH 0304) STAFF
0408 MWF.....4:00pm- 4:50pm (MTH 0103) STAFF

MATH140 (PermReq) Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. Special Note for sections 0415 AND 0425: These special sections will cover the same basic material as is usual for MATH 140. In addition, there will be an emphasis placed on student interaction in groups-- including a team approach to solving more challenging calculus-based problems. To facilitate this alternate learning environment, there will be 3 one-hour lectures and 2 two-hour workshops each week, as well as enhanced assistance and support for students. — 4 credits

0111 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....8:00am- 8:50am (MTH 0407) DIS
0112 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....8:00am- 8:50am (MTH 0405) DIS
0121 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....9:00am- 9:50am (MTH 0407) DIS
0122 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....9:00am- 9:50am (MTH 0405) DIS
0131 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....10:00am-10:50am (MTH 0407) DIS
0132 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....10:00am-10:50am (MTH B0423) DIS
0141 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....11:00am-11:50am (MTH 0407) DIS
0142 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....11:00am-11:50am (MTH 0405) DIS
0211 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....8:00am- 8:50am (MTH 0306) DIS
0212 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....8:00am- 8:50am (MTH 0101) DIS
0221 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....9:00am- 9:50am (MTH 0306) DIS
0222 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....9:00am- 9:50am (MTH 0101) DIS
0231 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....10:00am-10:50am (MTH 0306) DIS
0232 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....10:00am-10:50am (MTH 0101) DIS
0241 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0306) DIS
0242 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0101) DIS
0311 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....12:00pm-12:50pm (MTH 0307) DIS
0312 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....12:00pm-12:50pm (MTH 0303) DIS
0321 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....1:00pm- 1:50pm (MTH 0307) DIS
0322 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....1:00pm- 1:50pm (MTH 0303) DIS
0331 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....2:00pm- 2:50pm (MTH 0307) DIS
0332 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....2:00pm- 2:50pm (MTH 0303) DIS
0341 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....3:00pm- 3:50pm (MTH 0307) DIS
0342 MWF.....12:00pm-12:50pm (ARM 0135) Horvath, J
TuTh.....3:00pm- 3:50pm (MTH 0303) DIS
0415 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....10:00am-11:50am (MTH 0201) DIS
0425 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....1:00pm- 2:50pm (MTH 0201) DIS
0435 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....10:00am-10:50am (MTH 0405) DIS
0445 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....1:00pm- 1:50pm (MTH 0405) DIS

MATH141 Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. Special Note for sections 0111 - 0142: These experimental sections will cover all basic topics usually taught in MATH 141. They will also cover topics from the theory of differential equations. It is expected that use will be made of hand-held graphic calculators. 4 credits

0111 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0304) DIS
0112 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0103) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0304) DIS
0122 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0103) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....10:00am-10:50am (MTH 0304) DIS
0132 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....10:00am-10:50am (MTH 0103) DIS
0141 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....11:00am-11:50am (MTH 0304) DIS
0142 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....11:00am-11:50am (MTH 0103) DIS
0211 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....8:00am- 8:50am (MTH 0409) DIS
0212 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....8:00am- 8:50am (MTH 0403) DIS
0221 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....9:00am- 9:50am (MTH 0409) DIS
0222 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....9:00am- 9:50am (MTH 0403) DIS
0231 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....10:00am-10:50am (MTH 0409) DIS
0232 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....10:00am-10:50am (MTH 0403) DIS
0241 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....11:00am-11:50am (MTH 0409) DIS
0242 MWF.....9:00am- 9:50am (ARM 0131) Warner, C
TuTh.....11:00am-11:50am (MTH 0403) DIS
0311 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....12:00pm-12:50pm (MTH 0101) DIS
0312 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....12:00pm-12:50pm (MTH 0405) DIS
0321 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....1:00pm- 1:50pm (MTH 0101) DIS
0322 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....1:00pm- 1:50pm (MTH 0403) DIS
0331 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....2:00pm- 2:50pm (MTH 0101) DIS
0332 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....2:00pm- 2:50pm (MTH 0405) DIS
0341 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....3:00pm- 3:50pm (MTH 0101) DIS
0342 MWF.....12:00pm-12:50pm (ARM 0131) Ellis, R
TuTh.....3:00pm- 3:50pm (MTH 0405) DIS
0411 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....12:00pm-12:50pm (MTH 0407) DIS
0412 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....12:00pm-12:50pm (MTH 0306) DIS
0421 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....1:00pm- 1:50pm (MTH 0407) DIS
0422 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....1:00pm- 1:50pm (MTH 0306) DIS
0431 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....2:00pm- 2:50pm (MTH 0407) DIS
0432 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....2:00pm- 2:50pm (MTH 0306) DIS
0441 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....3:00pm- 3:50pm (MTH 0407) DIS
0442 MWF.....1:00pm- 1:50pm (ARM 0135) Sather, J
TuTh.....3:00pm- 3:50pm (MTH 0306) DIS

MATH141H (PermReq) Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. Open only to University General Honors students. 4 credits

2011 TuTh.....9:30am-10:45am (MTH 0104) Correl, E
F.....10:00am-10:50am (MTH 0104)

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field. MATH 210 is open only to the following majors: 08230-educ. early childhood, 0823X pre-early childhood educ, 08020-educ elem, 0802X-pre-elem educ, 0808B-spec educ, 0808X-pre-special educ. 4 credits

0101 MW.....8:00am- 8:50am (MTH B0425) STAFF
F.....8:00am- 9:50am (MTH B0425)
0201 MF.....8:00am- 8:50am (MTH B0427) STAFF
W.....8:00am- 9:50am (MTH B0427)
0301 MW.....9:00am- 9:50am (MTH B0425) STAFF
Th.....8:00am- 9:50am (MTH B0425)
0401 MF.....9:00am- 9:50am (MTH B0427) STAFF
Th.....8:00am- 9:50am (MTH B0427)
0501 MTh.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am-12:50pm (MTH B0429)

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 210 or equivalent. 4 credits

0101 MW.....11:00am-11:50am (MTH B0427) STAFF
Th.....10:00am-11:50am (MTH B0427)
0201 MF.....1:00pm- 1:50pm (MTH B0429) STAFF
W.....1:00pm- 2:50pm (MTH B0429)
0301 MF.....1:00pm- 1:50pm (MTH B0427) STAFF
W.....1:00pm- 2:50pm (MTH B0427)
0401 MF.....2:00pm- 2:50pm (MTH 0104) STAFF
W.....2:00pm- 3:50pm (MTH 0104)
0501 MF.....2:00pm- 2:50pm (MTH B0429) STAFF
Th.....2:00pm- 3:50pm (MTH B0429)

MATH220 (PermReq) Elementary Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220. Sections 0415 - 0445 are experimental sections which will cover the basic topics usually taught in MATH 220. However, computer- based class presentations and problem-solving projects will permit greater emphasis on development of calculus concepts and applications of calculus techniques. No prior experience with computers is required. 3 credits

0111 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....8:00am- 8:50am (MTH 0303) DIS
0112 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....8:00am- 8:50am (MTH 0305) DIS
0121 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....9:00am- 9:50am (MTH 0303) DIS
0122 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....9:00am- 9:50am (MTH 0305) DIS
0131 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....10:00am-10:50am (MTH 0303) DIS
0132 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....10:00am-10:50am (MTH 0305) DIS
0141 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....11:00am-11:50am (MTH 0303) DIS
0142 MWF.....9:00am- 9:50am (ARM 0126) Gulick, F
Tu.....11:00am-11:50am (MTH 0305) DIS
0211 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....8:00am- 8:50am (MTH 0303) DIS
0212 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....8:00am- 8:50am (MTH 0305) DIS
0221 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....9:00am- 9:50am (MTH 0303) DIS
0222 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....9:00am- 9:50am (MTH 0305) DIS
0231 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....10:00am-10:50am (MTH 0303) DIS
0232 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....10:00am-10:50am (MTH 0305) DIS
0241 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....11:00am-11:50am (MTH 0303) DIS
0242 MWF.....2:00pm- 2:50pm (ARM 0131) Schneider, D
Th.....11:00am-11:50am (MTH 0305) DIS
0311 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....9:00am- 9:50am (MTH 0106) DIS
0312 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....9:00am- 9:50am (MTH 0305) DIS
0321 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....10:00am-10:50am (MTH 0106) DIS
0322 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....10:00am-10:50am (MTH 0305) DIS
0331 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....11:00am-11:50am (MTH 0106) DIS
0332 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....11:00am-11:50am (MTH 0305) DIS
0341 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....12:00pm-12:50pm (MTH 0106) DIS
0342 TuTh.....9:30am-10:45am (ARM 0131) Goldberg, S
M.....12:00pm-12:50pm (MTH 0305) DIS
0415 TuTh.....12:30pm- 1:45pm (ARM 0131) Fey, J
W.....12:00pm-12:50pm (MTH 1311) DIS
0425 TuTh.....12:30pm- 1:45pm (ARM 0131) Fey, J
W.....1:00pm- 1:50pm (MTH 1311) DIS
0435 TuTh.....12:30pm- 1:45pm (ARM 0131) Fey, J
W.....2:00pm- 2:50pm (MTH 1311) DIS
0445 TuTh.....12:30pm- 1:45pm (ARM 0131) Fey, J
W.....3:00pm- 3:50pm (MTH 1311) DIS

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221. 3 credits

0111 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....9:00am- 9:50am (MTH 0106) DIS
0112 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....9:00am- 9:50am (MTH 0305) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....10:00am-10:50am (MTH 0106) DIS
0122 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....10:00am-10:50am (MTH 0305) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....11:00am-11:50am (MTH 0106) DIS
0132 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....11:00am-11:50am (MTH 0305) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....12:00pm-12:50pm (MTH 0106) DIS
0142 TuTh.....11:00am-12:15pm (ARM 0126) Lay, D
W.....12:00pm-12:50pm (MTH 0305) DIS
0211 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....12:00pm-12:50pm (MTH 1311) DIS
0212 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....12:00pm-12:50pm (MTH 0401) DIS
0221 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....1:00pm- 1:50pm (MTH 1311) DIS
0222 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....1:00pm- 1:50pm (MTH 0401) DIS
0231 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....2:00pm- 2:50pm (MTH 1311) DIS
0232 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....2:00pm- 2:50pm (MTH 0401) DIS
0241 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....3:00pm- 3:50pm (MTH 1311) DIS
0242 TuTh.....2:00pm- 3:15pm (ARM 0135) Cooper, J
M.....3:00pm- 3:50pm (MTH 0401) DIS

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461. 4 credits

0111 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....8:00am- 8:50am (MTH 1313) DIS
0112 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....8:00am- 8:50am (MTH 1311) DIS
0121 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....9:00am- 9:50am (MTH 1313) DIS
0122 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....9:00am- 9:50am (MTH 1311) DIS
0131 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....10:00am-10:50am (MTH 1313) DIS
0132 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....10:00am-10:50am (MTH 1311) DIS
0141 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....11:00am-11:50am (MTH 1313) DIS
0142 MWF.....11:00am-11:50am (ARM 0131) Adams, W
TuTh.....11:00am-11:50am (MTH 1311) DIS

MATH241 Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. 4 credits

1211 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....8:00am- 8:50am (MTH 0307) DIS
1212 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....8:00am- 8:50am (MTH 0302) DIS
1221 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....9:00am- 9:50am (MTH 0307) DIS
1222 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....9:00am- 9:50am (MTH 0302) DIS
1231 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....10:00am-10:50am (MTH 0307) DIS
1232 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....10:00am-10:50am (MTH 0302) DIS
1241 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....11:00am-11:50am (MTH 0307) DIS
1242 MWF.....10:00am-10:50am (ARM 0131) Wolfe, P
TuTh.....11:00am-11:50am (MTH 0302) DIS
1401 MTuWF.....8:00am- 8:50am (MTH 0106) Geller, W
1501 MWThF.....9:00am- 9:50am (MTH B0423) Green, P
1601 TuTh.....12:30pm- 2:30pm (MTH 0409) Olver, F
1701 MF.....10:00am-10:50am (MTH 0409) Marlow, R
W.....10:00am-11:50am (MTH 0409)
1801 TuTh.....2:00pm- 3:15pm (MTH 0401) Zhu, C
W.....2:00pm- 2:50pm (MTH 0401)
1901 WF.....12:00pm- 1:50pm (MTH 0401) Wilkerson, T

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. Open only to General University Honors students. 4 credits

2011 MWF.....11:00am-11:50am (MTH 0301) Lehner, G
Tu.....10:00am-10:50am (MTH B0427)

MATH246 Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0105) Gray, A
0201 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0301 MWF.....9:00am- 9:50am (MTH B0421) Chu, H
0401 MWF.....10:00am-10:50am (MTH 0407) Cook, C
0501 MWF.....11:00am-11:50am (MTH B0423) Currier, A
0601 MWF.....12:00pm-12:50pm (MTH 0403) Greenberg, L
0701 MWF.....12:00pm-12:50pm (MTH 0105) Kleppner, A
0801 MWF.....2:00pm- 2:50pm (MTH B0421) Hubbard, B
0901 TuTh.....8:00am- 9:15am (MTH 0105) Hummel, J
1001 TuTh.....9:30am-10:45am (MTH 0411) Yakobson, M
1101 TuTh.....11:00am-12:15pm (MTH 1308) Nochetto, R
1201 TuTh.....12:30pm- 1:45pm (MTH 0302) Maddocks, J
1301 TuTh.....2:00pm- 3:15pm (MTH 1313) Wang, L
1401 TuTh.....2:00pm- 3:15pm (MTH 0103) Kudla, S

MATH246H (PermReq) Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. 3 credits

0101 TuTh.....11:00am-12:15pm (MTH 0401) Ehrlich, G

MATH251 (PermReq) Analysis II (Honors); Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 250. 4 credits

0111 TuTh.....9:00am-10:50am (MTH 0106) Herb, R

MATH256 Introduction to Numerical Analysis; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141. 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH 0107) Helzer, G

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MATH386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: MATH 387. 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: MATH 386. 1-3 credits

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 400 or MATH 461. 3 credits

0101 MWF.....2:00pm- 2:50pm (MTH 0302) Rodriguez, R
0201 TuTh.....12:30pm- 1:45pm (MTH B0421) Wang, X
0301 TuTh.....2:00pm- 3:15pm (MTH 0304) Wang, X

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403. Students planning graduate work in mathematics should take MATH 403. 3 credits

0101 TuTh.....12:30pm- 1:45pm (MTH 1313) Correl, E

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403. 3 credits

0101 MWF.....2:00pm- 2:50pm (MTH B0423) Lehner, G

MATH404 Field Theory; Grade Method: REG/P-F/AUD. Prerequisite: MATH 403. 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH B0425) Currier, A

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 461. 3 credits

0101 MWF.....10:00am-10:50am (MTH B0429) Adams, W

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141 or permission of department. 3 credits

0101 MWF.....10:00am-10:50am (MTH 0405) Horvath, J
0201 MWF.....11:00am-11:50am (MTH 0105) Ehrlich, G
0301 TuTh.....11:00am-12:15pm (MTH B0421) Brin, M
0401 TuTh.....2:00pm- 3:15pm (MTH 0105) Coombes, K

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. 3 credits

0101 MWF.....10:00am-10:50am (MTH 0201) Sather, J
0201 TuTh.....2:00pm- 3:15pm (MTH 0102) Benedetto, J

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or MATH 400. 3 credits

0101 MWF.....2:00pm- 2:50pm (MTH 1313) Kleppner, A
0201 TuTh.....11:00am-12:15pm (MTH 0104) Cooper, J
0301 TuTh.....12:30pm- 1:45pm (MTH 0411) Schafer, J

MATH414 Differential Equations; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or equivalent. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0401) Sweet, D

MATH417 Introduction to Fourier Analysis; Grade Method: REG/P-F/AUD. Prerequisite: MATH 410. 3 credits

0101 TuTh.....9:30am-10:45am (MTH 0102) Johnson, R

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141. 3 credits

0101 MWF.....11:00am-11:50am (MTH 0403) Green, P
0201 TuTh.....2:00pm- 3:15pm (MTH B0421) Winkelnkemper,

MATH436 Introduction to Differential Geometry; Grade Method: REG/P-F/AUD. Prerequisites: MATH 241; and [MATH 240 or MATH 461] or equivalent. 3 credits

0101 MWF.....9:00am- 9:50am (MTH 0401) Gray, A

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as CMSC 450. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0305) Owings Jr., J
0201 MWF.....9:00am- 9:50am (MTH 0409) Lopez-Escobar,
0301 MWF.....1:00pm- 1:50pm (MTH 1313) Laskowski, M

MATH446 Axiomatic Set Theory; Grade Method: REG/P-F/AUD. Prerequisite: MATH 403 or MATH 450. 3 credits

0101 MWF.....10:00am-10:50am (MTH 0301) Owings Jr., J

MATH461 Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0409) Chang, D
0201 MWF.....9:00am- 9:50am (MTH 0105) Lay, D
0301 MWF.....10:00am-10:50am (MTH 0307) Ellis, R
0401 MWF.....11:00am-11:50am (MTH B0421) Plank, L
0501 MWF.....1:00pm- 1:50pm (MTH 0101) Hubbard, B
0601 MWF.....2:00pm- 2:50pm (MTH 0101) Helzer, G
0701 TuTh.....11:00am-12:15pm (MTH 0102) Zedek, M

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415. 3 credits

0101 MWF.....8:00am- 8:50am (MTH B0421) Chu, H
0201 MWF.....10:00am-10:50am (MTH B0421) Neri, U
0301 MWF.....11:00am-11:50am (MTH 0101) Chang, D
0401 MWF.....1:00pm- 1:50pm (ITV 1111) Neri, U
0501 TuTh.....11:00am-12:15pm (MTH 0411) Kudla, S
0601 TuTh.....12:30pm- 1:45pm (MTH 0102) Wu, C
0701 TuTh.....3:30pm- 4:45pm (MTH B0421) Matthews, D

MATH463 Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisite: MATH 241 or equivalent. 3 credits

0101 MWF.....12:00pm-12:50pm (MTH 0409) Boyle, M
0201 TuTh.....8:00am- 9:15am (MTH B0421) Johnson, R
0301 TuTh.....9:30am-10:45am (MTH B0421) Adams, J
0401 TuTh.....11:00am-12:15pm (MTH 0105) Goldberg, S
0501 TuTh.....12:30pm- 1:45pm (MTH 0105) Hummel, J
0601 TuTh.....2:00pm- 3:15pm (MTH 1311) Zedek, M
0701 TuTh.....3:30pm- 4:45pm (MTH 0105) Winkelnkemper,

MATH463H (PermReq) Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisite: MATH 241 or equivalent. Prerequisite: MATH 241 with a grade of B or better. 3 credits

0101 MWF.....10:00am-10:50am (MTH 0107) Cohen, J

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 246; and MATH 463. — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH B0427) Cook, C

MATH473 Methods and Models in Applied Mathematics II; Grade Method: REG/P-F/AUD. Prerequisite: MATH 472 or permission of department. Also offered as MAPL 473. Credit will be granted for only one of the following: MATH 473 and MAPL 473. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0302) Maddocks, J

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0305) Alexander, J

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. — 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-9 credits

MATH601 Abstract Algebra II; Grade Method: REG/AUD. Prerequisite: MATH 600. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0427) Washington, L

MATH602 Homological Algebra; Grade Method: REG/AUD. Prerequisite: MATH 600. — 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0401) Schafer, J

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH608B Selected Topics in Algebra: Number Theory; Grade Method: REG/AUD. — 3 credits
0201 TuTh.....11:00am-12:15pm (MTH B0425) Coombes, K

MATH630 Real Analysis I; Grade Method: REG/AUD. Prerequisite: MATH 411 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0304) Warner, C

MATH631 Real Analysis II; Grade Method: REG/AUD. Prerequisite: MATH 630. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0306) Auslander, J

MATH636 Representation Theory; Grade Method: REG/AUD. Prerequisite: MATH 631. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0301) Li, J

MATH643 Dynamical Systems II; Grade Method: REG/AUD. Prerequisite: MATH 642 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH B0423) Yakobson, M

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH660 Complex Analysis I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0409) Olver, F

MATH661 Complex Analysis II; Grade Method: REG/AUD. Prerequisites: MATH 630; and MATH 660. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0403) Hamilton, D

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH671 Ordinary Differential Equations II; Grade Method: REG/AUD. Prerequisites: MATH 630; and MATH/MAPL 670 or the equivalent. Also offered as MAPL 671. — 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0301) Markley, N

MATH674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD. Prerequisite: MATH 673. Also offered as MAPL 674. — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0107) Grillakis, M

MATH681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD. Prerequisite: MATH/MAPL 680. Also offered as MAPL 681. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0102) Pego, R

MATH713 Mathematical Logic II; Grade Method: REG/AUD. Prerequisite: MATH 712 or MATH 447. — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0301) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH718B Selected Topics in Mathematical Logic: Foundations of Categorical Logic; Grade Method: REG/AUD. — 3 credits
0201 MWF.....4:00pm- 4:50pm (MTH 0104) Lopez-Escobar,

MATH734 Algebraic Topology; Grade Method: REG/AUD. Prerequisite: MATH 403 or equivalent. Recommended: MATH 730. — 3 credits
0101 MWF.....11:00am-11:50am (MTH B0425) Rosenberg, J

MATH742 Differential Topology; Grade Method: REG/AUD. Prerequisites: [MATH 410; and MATH 411] or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0301) Goldman, W

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH748C Selected Topics in Geometry and Topology: Comparison Theory; Grade Method: REG/AUD. — 3 credits
0301 TuTh.....12:30pm- 1:45pm (MTH B0429) Wu, J

MATH748D Selected Topics in Geometry and Topology; Grade Method: REG/AUD. — 3 credits
0401 MWF.....2:00pm- 2:50pm (MTH 0301) Goldman, W

MATH748E Selected Topics in Geometry and Topology: Symplectic Geometry; Grade Method: REG/AUD. — 3 credits
0501 W.....3:00pm- 5:30pm (MTH 0302) Gromov, M

MATH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. — 1 credit
0101 M.....4:00pm- 5:30pm (ZOP 1124) Fletcher, M

MEES608D Seminar in Marine-Estuarine-Environmental Sciences: Scientific Communication; Grade Method: REG/AUD. Course meets at Horn Point Environmental Lab. — 1 credit
0101 Time and room to be arranged Kennedy, V

MEES608E Seminar in Marine-Estuarine-Environmental Sciences: Environmental Sciences: Environmental Applications of StableIsotope Techniques; Grade Method: REG/AUD. Course meets at Horn Point Environmental Lab. — 1 credit
0101 Time and room to be arranged Glibert, P

MEES608J Seminar in Marine-Estuarine-Environmental Sciences; Topics in Microbial Ecology; Grade Method: REG/AUD. Course meets at Chesapeake Biological Laboratory. — 1 credit
0101 Time and room to be arranged Capone, D

MEES608M Seminar in Marine-Estuarine-Environmental Sciences: Numerical Modeling Techniques; Grade Method: REG/AUD. — 2 credits
0101 Tu.....1:00pm- 4:00pm (ZOP 1232) Rice, D

MEES608N Seminar in Marine-Estuarine-Environmental Sciences: Marine Biotechnology; Grade Method: REG/AUD. Course to be offered at Center of Marine Biotechnology, Baltimore. — 1 credit
0101 Time and room to be arranged Singleton, F

MEES621 Ecology of Estuarine and Marine Environments; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:15pm- 6:00pm (ZOP 1124) Newell, R

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Wetland and Aquatic Plant Ecology; Grade Method: REG/AUD. Course meets at Horn Point Environmental Laboratory. — 4 credits
0101 Time and room to be arranged Dennison, W
Time and room to be arranged LAB

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MEES721 Plankton Dynamics; Grade Method: REG/AUD. Prerequisites: MEES 621; and MEES 661 or equivalent. Course given at Horn Point Evnironmental Laboratory. — 3 credits
0101 W.....9:00am-12:00pm (Arranged) Roman, M

MEES743 Aquatic Toxicology; Grade Method: REG/AUD. Prerequisites: MEES 641; and BCHM 462 or permission of instructor. Course meets at UMAB. — 3 credits
0101 Time and room to be arranged Roesijadi, G

MEES799 Masters Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MEES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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METO Meteorology (Comp, Math, & Phys Sci)

METO401 Global Environment; Grade Method: REG/AUD. Prerequisite: METO 400. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) Robock, A

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO499A Special Problems in Atmospheric Science: Stratospheric Ozone; Grade Method: REG/AUD. Prerequisites; PHYS 142, CHEM 113, MATH 141. MATH 241 recommended. — 3 credits
0101 MWF.....11:00am-11:50am (CSS 2106) Douglass, A

METO601 Synoptic Meteorology II; Grade Method: REG/AUD. Prerequisite: METO 600. — 3 credits
0101 W.....4:00pm- 6:30pm (CSS 2114) Atlas, R

METO611 Dynamic Meteorology II; Grade Method: REG/AUD. Prerequisite: METO 610. — 3 credits
0101 MWF.....11:00am-11:50am (CSS 2114) Baer, F

METO621 Physical Meteorology II - Atmospheric Radiation; Grade Method: REG/AUD. Prerequisites: MATH 462; and METO 620. — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Ellingson, R

METO625 Remote Inference of Atmospheric Properties by Satellite; Grade Method: REG/AUD. Prerequisites: METO 621; and MATH 461. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2114) Thompson, O

METO630 Statistical Methods in Meteorology; Grade Method: REG/AUD. Prerequisite: STAT 400 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) Vernekar, A

METO637 Atmospheric Chemistry; Grade Method: REG/AUD. Prerequisites: CHEM 481 or METO 620. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2106) Dickerson, R

METO640 Micrometeorology; Grade Method: REG/AUD. Prerequisites: (MATH 461; and METO 621) or permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO671 Air-Sea Interaction; Grade Method: REG/AUD. Prerequisite: MATH 462. Corequisite: METO 610. — 3 credits
0101 MW.....1:00pm- 2:15pm (CSS 2114) Carton, J

METO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

METO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. — 4 credits
0101 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
MW.....9:00am- 9:50am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
MW.....11:00am-11:50am (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
MW.....12:00pm-12:50pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
MW.....1:00pm- 1:50pm (MCB 1206) LAB
0105 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
MW.....2:00pm- 2:50pm (MCB 1206) LAB
0107 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
TuTh.....9:00am-10:50am (MCB 1206) LAB
0108 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
TuTh.....10:00am-10:50am (MCB 1206) LAB
0109 MWF.....10:00am-10:50am (ZOP 1240) Yuan, R
TuTh.....11:00am-11:50am (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. — 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....9:00am-10:50am (MCB 1205) LAB
0102 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....9:00am-10:50am (MCB 1201) LAB
0103 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....12:00pm- 1:50pm (MCB 1205) LAB
0104 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....12:00pm- 1:50pm (MCB 1201) LAB
0105 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....2:00pm- 3:50pm (MCB 1205) LAB
0106 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
MW.....2:00pm- 3:50pm (MCB 1201) LAB
0107 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....9:00am-10:50am (MCB 1205) LAB
0109 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1201) LAB
0111 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1205) LAB
0112 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1201) LAB

MICB200H (PermReq) General Microbiology; Grade Method: REG. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on the first day of classes. Limited to General Honors students; obtain permission from General Honors Office. MICB majors who are not in General Honors may see the Microbiology Dept. for special permission. — 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1240) Smith, A
TuTh.....9:00am-10:50am (MCB 1201) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. — 2-3 credits

MICB380 Bacterial Genetics; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 243 or CHEM 245 and 8 credits of microbiology. — 4 credits
0101 TuTh.....12:00pm-12:50pm (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1103A) LAB
0102 TuTh.....12:00pm-12:50pm (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1104) LAB

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F. Prerequisite: two lab courses in MICB. May be repeated but only 4 credits may be applied to major requirements. — 1-4 credits
0101 Time and room to be arranged Hetrick, F

MICB388A Special Topics in Microbiology: Immunology; Grade Method: REG/AUD. Prerequisite: MICB 440 or permission of instructor. — 2 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
F.....10:00am-10:50am (MCB 1135) DIS

MICB388R Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD. — 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388Z Special Topics in Microbiology: Recombinant DNA; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211, ZOOL 213 or permission of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) Shapiro, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. — 3 credits

MICB420 Epidemiology and Public Health; Grade Method: REG/P-F/AUD. Prerequisite: MICB 200. — 2 credits
0101 TuTh.....1:00pm- 2:00pm (MCB 1207) Joseph, S

MICB450 Immunology; Grade Method: REG. Prerequisite: MICB 440. Credit will be granted for only one of the following: ZOOL 455 or MICB 450. Student should have attained minimum level of 80 completed credits. — 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1143) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1135) LAB

MICB460 General Virology; Grade Method: REG. Prerequisite: MICB 440 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (MCB 1207) Hetrick, F

MICB470 Microbial Physiology; Grade Method: REG/AUD. Prerequisite: MICB 200. Pre- or corequisite: BCHM 462. — 3 credits
0101 MWF.....10:00am-10:50am (MCB 1207) MacQuillan, A

MICB674 (PermReq) Bacterial Metabolism; Grade Method: REG/AUD. Prerequisite: MICB 470 or equivalent; and BCHM 462. — 2 credits
0101 TuTh.....10:00am-10:50am (MCB 1207) MacQuillan, A

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Marine Microbiology and Biotechnology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Colwell, R

MICB688B (PermReq) Special Topics: Current Topics in Fish Disease Research; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Hetrick, F

MICB688D (PermReq) Special Topics: Current Topics in Marine Biotechnology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Weiner, R

MICB688E Special Topics: Current Topics in Molecular Biology; Grade Method: REG. — 1 credit
0101 Time and room to be arranged Stein, D

MICB688F (PermReq) Special Topics: Current Topics in Microbial Genetics; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Voll, M

MICB688K (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Joseph, S

MICB688P Special Topics: Biology of Plasmids; Grade Method: REG. — 2 credits
0101 Th.....4:00pm- 6:00pm (MCB 1207) Stein, D

MICB750 Advanced Immunology; Grade Method: REG/AUD. — 2 credits
0101 MW.....9:00am- 9:50am (MCB 1207) Roberson, B

MICB760 Virology and Tissue Culture; Grade Method: REG/AUD. Prerequisite: MICB 440 or equivalent. — 2 credits
0101 Tu.....4:00pm- 6:00pm (MCB 1207) Hetrick, F

MICB789 Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....3:00pm- 5:00pm (MCB 1207) Weiner, R
F.....12:00pm-12:50pm (MCB 1207)
Th.....2:00pm- 4:00pm (MCB 1207)

MICB799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MUED Music Education (Education)

MUED197 (PermReq) Pre-Professional Experiences; Grade Method: REG/P-F/AUD. Limited to music education majors. — 1 credit
0101 M.....11:00am-12:50pm (TWS 2123) Folstrom, R
W.....11:00am-11:50am (TWS 2123) LAB

MUED420 Instrumental Music: Methods, Materials and Administration for Secondary School; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 Th.....9:00am- 9:50am (TWS 3238) STAFF
Tu.....9:00am-10:50am (TWS 1123)

MUED472 Choral Techniques and Repertoire; Grade Method: REG/AUD. Prerequisites: MUED 470 and MUSC 490. — 2 credits
(PermReq)
0101 Tu.....11:00am-11:50am (TWS 3116) Folstrom, R
Th.....10:00am-11:50am (TWS 3116)

MUED478 Special Topics in Music Education: General Music in Middle/Junior High Schools; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 Tu.....9:00am-10:50am (TWS 3132) Troth, E
Th.....9:00am- 9:50am (TWS 3132)

MUED478A Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; Grade Method: REG/AUD. — 2 credits
(PermReq)
0201 TBA (TWS 3132) McCarthy, M

MUED499A Workshops, Clinics, Institutes: Teaching Strategies in Music Education for a Multicultural Society; Grade Method: REG/P-F/AUD. — 3 credits
(PermReq)
0101 Tu.....6:00pm- 8:30pm (TWS 3116) McCarthy, M

MUED499B Workshops, Clinics, Institutes: The Psychology of Music Teaching; Grade Method: REG/P-F/AUD. — 3 credits
(PermReq)
0101 W.....6:30pm- 9:00pm (TWS 2123) Saunders, C

MUED690 Research Methods in Music and Music Education; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED698A Current Trends in Music Education: Teaching Strategies in Music Education for a Multicultural Society; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 Tu.....6:00pm- 8:30pm (TWS 3116) McCarthy, M

MUED698B Current Trends in Music Education: The Psychology of Music Teaching; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 W.....6:30pm- 9:00pm (TWS 2123) Saunders, C

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG. Limited to non-music majors. — 2 credits
0101 MW.....9:00am- 9:50am (TWS 3116) Hopkins, S
0201 TuTh.....9:00am- 9:50am (TWS 3116) Duersten-Pettit
0301 TuTh.....11:00am-11:50am (TWS 2123) Kornhauser, E
0401 MW.....10:00am-10:50am (TWS 3116) Hopkins, S
0501 MW.....5:00pm- 5:50pm (TWS 2123) Duersten-Pettit
0601 TuTh.....10:00am-10:50am (TWS 3238) Kornhauser, E
0701 MW.....11:00am-11:50am (TWS 2135) Duersten-Pettit

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F. Limited to non-music majors. — 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 3218) STAFF
0301 TuTh.....11:00am-12:15pm (TWS 3218) STAFF
0401 MWF.....11:00am-11:50am (TWS 3218) STAFF

MUSC103 Beginning Class Piano II; Grade Method: REG/AUD. Prerequisite: MUSC 102 or permission of department. Limited to music majors. — 2 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (TWS 3218) Elliston, R

MUSC103A Beginning Class Piano II; Grade Method: REG/AUD. Prerequisite: MUSC 102 or permission of department. Limited to MUED piano principals. — 2 credits
(PermReq)
0101 MWF.....10:00am-10:50am (TWS 3218) Elliston, R

MUSC103B Beginning Class Piano II; Grade Method: REG/P-F. Prerequisite: MUSC 102 or permission of department. For non-music majors. Prerequisite MUSC 102B or permission of department. — 2 credits

0101 TuTh.....2:00pm- 3:15pm (TWS 3218) Mortensen, J

MUSC111 Class Study of Wind and Percussion Instruments; Grade Method: REG/P-F/AUD. Open only to majors in music education (vocal option). — 2 credits
(PermReq)
0101 MWF.....10:00am-10:50am (TWS 1123) STAFF

MUSC113 Class Study: Violin; Grade Method: REG/AUD. Open only to majors in music (instrumental option). — 2 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (TWS 1102) Fischbach, G

MUSC117 Class Study: Flute, Oboe, Bassoon, and Saxophone; Grade Method: REG/AUD. Open only to majors in music education (instrumental option). — 2 credits
(PermReq)
0101 MWF.....10:00am-10:50am (TWS 1102) Walters, E
Time and room to be arranged LAB

MUSC120 Class Study: Cornet; Grade Method: REG/P-F. Open only to majors in music education (instrumental option). — 2 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (TWS 1102) Head, E

MUSC123 Movement for Singers; Grade Method: REG/P-F/AUD. — 1 credit
(PermReq)
0101 Th.....12:30pm- 1:50pm (TWS 1125) Balthrop, C

MUSC126 Vocal Diction: English and Latin; Grade Method: REG/P-F/AUD. — 1 credit
(PermReq)
0101 TuTh.....11:00am-11:50am (TWS 2102) Mabbs, L

MUSC128 Sight Reading For Pianists; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A Ensemble: Strings; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 2147B) Elsing, E

MUSC129B Ensemble: Woodwinds; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 1219C) Heim, N
0201 TBA (TWS 3120A) Jackson, R
0301 TBA (TWS 3125) Montgomery, W
0401 TBA (TWS 2229) Olson, O
0501 TBA (TWS 3120A) Walters, E
0601 TBA (TWS 01219D) Watkins, S

MUSC129C Ensemble: Brass; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 2229) Olson, O
0201 TBA (TWS 3121) Head, E
0301 TBA (TWS 1112) Sparks, L

MUSC129D Ensemble: Clarinet Choir; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 MF.....2:00pm- 2:50pm (TWS 1102) Heim, N

MUSC129E Ensemble: Brass Choir; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Percussion; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Percussion Keyboard; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 1209B) Barnett, R

MUSC129I Ensemble: Twentieth Century; Grade Method: REG. — 1 credit
(PermReq)
0101 TBA (TWS 1241B) DeLio, T

MUSC129J Ensemble: Jazz; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Non-Western; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 3108) Robertson, C

MUSC129L Ensemble: Mixed Instruments; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 3125) Montgomery, W

MUSC129M Ensemble: Flute Choir; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
(PermReq)
0101 TBA (TWS 3125) Montgomery, W

MUSC129T Ensemble: Tuba Ensemble; Grade Method: REG/AUD. — 1 credit
(PermReq)
0101 MW.....11:00am-11:50am (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Open to all students except music and music education majors. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 2102) Davis, S
0201 MWF.....11:00am-11:50am (TWS 2102) Beicken, S
0301 MWF.....2:00pm- 2:50pm (TWS 2102) Robertson, C

MUSC140 Music Fundamentals I; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Limited to non-music majors. — 3 credits
0101 TuTh.....8:00am- 9:15am (TWS 2102) Olson, O
0201 MWF.....1:00pm- 1:50pm (TWS 2135) Phillips, G
0301 MWF.....9:00am- 9:50am (TWS 2102) Hampton, E
0401 TuTh.....9:30am-10:45am (TWS 2102) Eastman, D

MUSC151 Theory of Music II; Grade Method: REG/AUD. Prerequisite: a grade of C or better in MUSC 150. — 3 credits
(PermReq)
0101 TuThF.....9:00am- 9:50am (TWS 2123) Payerle, L
MW.....9:00am- 9:50am (TWS 2123) LAB
0102 TuThF.....9:00am- 9:50am (TWS 2123) Payerle, L
MW.....9:00am- 9:50am (TWS 2138) LAB
0201 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2135) LAB
0202 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals for the Classroom Teacher; Grade Method: REG/P-F/AUD. Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2123) Warren, D
0201 MWF.....12:00pm-12:50pm (TWS 2135) Zinkievich, K
0301 MWF.....2:00pm- 2:50pm (TWS 2135) Zinkievich, K
0401 TuTh.....3:30pm- 4:45pm (TWS 2135) Stellaccio, C

MUSC200 Intermediate Class Voice I; Grade Method: REG. Prerequisite: MUSC 100 or equivalent vocal training. — 2 credits
0101 MW.....9:00am- 9:50am (TWS 3238) Hopkins, S
0201 TuTh.....11:00am-11:50am (TWS 3238) Kornhauser, E

MUSC203 Intermediate Class Piano II; Grade Method: REG/AUD. Prerequisite: MUSC 202 or equivalent piano training. Limited to MUED voice principals. — 2 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC203A Intermediate Class Piano II; Grade Method: REG/AUD. Prerequisite: MUSC 202 or equivalent piano training. Limited to MUED piano principals. — 2 credits
(PermReq)
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC210 The Impact of Music on Life; Grade Method: REG. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. — 3 credits
0101 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....1:00pm- 1:50pm (TWS 2102) LAB
0102 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....11:00am-11:50am (TWS 2135) LAB
0103 MW.....1:00pm- 1:50pm (TWS 2102) Herndon, M
F.....2:00pm- 2:50pm (TWS 2138) LAB

MUSC215 The Art of the Performer; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....10:00am-11:15am (TWS 1125) Walters, E

MUSC218 Class Composition II; Grade Method: REG/AUD. Prerequisite: MUSC 151 and permission of instructor. — 2 credits
(PermReq)
0101 TBA (TWS 1219B) Moss, L

MUSC228 Accompanying For Pianist; Grade Method: REG/P-F/AUD. — 2 credits
(PermReq)
0101 TuTh.....11:00am-11:50am (TWS 2233) McCoy, R

MUSC229A Ensemble: Symphony Orchestra; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 MWF.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102) LAB

MUSC229C Ensemble: Theater Orchestra; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3267) Hudson, W

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 TuTh.....3:30pm- 6:00pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD. — 1 credit
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC230 History of Music I; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 250 or equivalent. — 3 credits
(PermReq)
0101 MWF.....2:00pm- 2:50pm (TWS 3116) Serwer, H

MUSC251 Advanced Theory of Music II; Grade Method: REG/AUD. Prerequisite: a grade of C or better in MUSC 250. — 4 credits
(PermReq)
0101 TuThF.....10:00am-10:50am (TWS 2135) Wilson, M
MW.....10:00am-10:50am (TWS 2135) LAB
0102 TuThF.....10:00am-10:50am (TWS 2135) Wilson, M
MW.....10:00am-10:50am (TWS 2138) LAB
0201 MWF.....10:00am-10:50am (TWS 2123) DeLio, T
TuTh.....10:00am-10:50am (TWS 2123) LAB
0202 MWF.....10:00am-10:50am (TWS 2123) DeLio, T
TuTh.....10:00am-10:50am (TWS 2138) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG. Contact instructor to make arrangements. — 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG. — 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD. Prerequisite: MUSC 250 or equivalent. Romantic era to present. — 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (TWS 2135) Cohen, H

MUSC346 Jazz Theory and Inprovisation II; Grade Method: REG/AUD. Prerequisite: MUSC 345 or permission of department. — 3 credits
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC379 Opera Workshop; Grade Method: REG. — 2 credits
(PermReq)
0101 Time and room to be arranged Major, L

MUSC388 Music Internship; Grade Method: REG. — 3 credits
(PermReq)
0101 TBA (TWS 2110) Cooper, J

MUSC389 Music Internship Analysis; Grade Method: REG. — 1 credit
(PermReq)
0101 TBA (TWS 2110) Cooper, J

MUSC400V Music Pedagogy; Grade Method: REG/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. Limited to voice majors. — 3 credits
(PermReq)
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC400W Music Pedagogy; Grade Method: REG/P-F/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. For wind and percussion majors. — 3 credits
(PermReq)
0101 Time and room to be arranged Barnett, R
0201 Time and room to be arranged Bowman, B
0301 Time and room to be arranged Head, E
0401 Time and room to be arranged Heim, N
0501 Time and room to be arranged Hudson, W
0601 Time and room to be arranged Jackson, R
0701 Time and room to be arranged Montgomery, W
0801 Time and room to be arranged Olson, O
0901 Time and room to be arranged Ross, G
1001 Time and room to be arranged Sparks, L
2001 Time and room to be arranged Stevens, M
3001 Time and room to be arranged Wakefield, J
4001 Time and room to be arranged Walters, E

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 TBA (TWS 3214A) Elliston, R
0201 TBA (TWS 3129) Garvey, E
0301 TBA (TWS 2233) McCoy, R

MUSC429 Opera Theater; Grade Method: REG. Contact instructor to make arrangements. — 2-3 credits
(PermReq)
0101 Time and room to be arranged Major, L

MUSC433 Music in World Cultures II; Grade Method: REG/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: MUSC 130 or permission of department. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC436 Jazz: Then and Now; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2138) Wexler, R

MUSC448 Selected Topics in Music; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits
(PermReq)

MUSC448F Selected Topics in Music: Advanced Diction: French; Grade Method: REG/AUD. — 1 credit
(PermReq)
0101 W.....1:00pm- 3:00pm (TWS 2233) McCoy, R

MUSC448I Selected Topics in Music: Advanced Diction: Italian; Grade Method: REG/AUD. — 1 credit
(PermReq)
0101 Tu.....1:00pm- 3:00pm (TWS 3238) Cossa, D

MUSC448J Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Instructors: Elliston, R. and Wells, R. — 2 credits
(PermReq)
0101 W.....7:00pm-10:00pm (TWS 3218) Elliston, R
W.....7:00pm-10:00pm (TWS 3218) LAB
0201 W.....4:00pm- 7:00pm (TWS 3218) Elliston, R
W.....4:00pm- 7:00pm (TWS 3218) LAB

MUSC448K Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/P-F/AUD. — 2 credits
(PermReq)
0101 TuTh.....9:00am- 9:50am (TWS 3129) Garvey, E

MUSC448L Selected Topics in Music: Instrumental Phrasing and Interpretation; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 MW.....2:00pm- 2:50pm (TWS 2123) Hudson, W

MUSC448M Selected Topics in Music: Interpretation of Vocal Repertoire; Grade Method: REG/P-F/AUD. Open to advanced pianists and singers with permission of the instructor only. — 2 credits
(PermReq)
0101 Tu.....4:00pm- 6:30pm (TWS 2123) McCoy, R

MUSC448N Selected Topics in Music: Chamber Music Literature; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 Th.....2:00pm- 4:30pm (TWS 3116) Helm, E

MUSC448O Selected Topics in Music: The Business of Music II; Grade Method: REG/AUD. Limited to music majors. — 2 credits
(PermReq)
0101 MW.....1:00pm- 1:50pm (TWS 3116) Walters, E

MUSC448P Selected Topics in Music: Masterclass Series in Performing Baroque Music; Grade Method: REG/P-F/AUD. — 2 credits
(PermReq)
0101 W.....12:00pm- 3:00pm (TWS 1125) Slowik, K

MUSC453 Class Study of Guitar and Recorder; Grade Method: REG/AUD. Prerequisite: permission of department. — 2 credits
(PermReq)
0101 MWF.....3:00pm- 3:50pm (TWS 2123) Saunders, C

MUSC460 Tonal Counterpoint I; Grade Method: REG/AUD. Prerequisite: MUSC 251 or permission of department. — 2 credits
(PermReq)
0101 MW.....11:00am-11:50am (TWS 3131) Gibson, R

MUSC468 Piano Pedagogy II; Grade Method: REG/P-F/AUD. — 3 credits
(PermReq)
0101 MW.....11:30am- 1:00pm (TWS 3116) Koscielny, A

MUSC482 Music in the Baroque Era; Grade Method: REG/P-F/AUD. — 3 credits
(PermReq)
0101 MW.....11:00am-12:15pm (TWS 2138) Serwer, H

MUSC491 Conducting II; Grade Method: REG/AUD. Prerequisite: MUSC 490 or equivalent. — 2 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (TWS 2138) Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2123) Cooper, J

MUSC494 Survey of Theory; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 251. — 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (TWS 2138) Payerle, L

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC608 Chamber Music Repertory; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MUSC640 Performance Practice I; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC642 Early Music Notation; Grade Method: REG/AUD. — 3 credits
0101 F.....10:00am-12:30pm (TWS 3131) Wexler, R

MUSC644 Seminar in Solo Vocal Literature II; Grade Method: REG/AUD. Prerequisite: MUSC 643 or equivalent. — 3 credits
(PermReq)
0101 Tu.....4:00pm- 6:30pm (TWS 2123) McCoy, R

MUSC645 Seminar in Vocal Pedagogy; Grade Method: REG/AUD. Prerequisite: MUSC 400 or equivalent. Advanced special students require department authorization. — 3 credits
(PermReq)
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC679 Seminar in Ethnomusicology; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 Th.....3:30pm- 6:00pm (TWS 3131) Herndon, M

MUSC689 Advanced Conducting; Grade Method: REG/AUD. Advanced special students require department authorization. Limited to conducting majors only. — 3 credits
(PermReq)
0101 Time and room to be arranged Traver, P
0201 TBA (TWS 3267) Hudson, W
0301 Time and room to be arranged Wakefield, J

MUSC699 Selected Topics in Music; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits
(PermReq)

MUSC699B Selected Topics in Music: Opera Techniques II; Grade Method: REG/AUD. Corequisite: MUSC 448I. — 2-3 credits
(PermReq)
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699D Selected Topics in Music: Advanced Opera Techniques II; Grade Method: REG/AUD. Corequisite: MUSC 448F. — 2-3 credits
(PermReq)
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699J Selected Topics in Music: Jazz Vocal Technique and Piano Accompaniments; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 W.....7:00pm-10:00pm (TWS 3218) Elliston, R
W.....7:00pm-10:00pm (TWS 3218) LAB
0201 W.....4:00pm- 7:00pm (TWS 3218) Elliston, R
W.....4:00pm- 7:00pm (TWS 3218) LAB

MUSC699K Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/AUD. — 2 credits
(PermReq)
0101 TuTh.....9:00am- 9:50am (TWS 3129) Garvey, E

MUSC699L Selected Topics in Music: Instrumental Phrasing and Interpretation; Grade Method: REG/AUD. — 2 credits
(PermReq)
0301 MW.....2:00pm- 2:50pm (TWS 2123) Hudson, W

MUSC699M Selected Topics in Music: Interpretation of Vocal Repertoire; Grade Method: REG/AUD. Open to advanced pianists and singers with permission of the instructor only. — 2 credits
(PermReq)
0101 Tu.....4:00pm- 6:30pm (TWS 2123) McCoy, R

MUSC699N (PermReq) Selected Topics in Music: Chamber Music Literature; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 4:30pm (TWS 3116) — Helm, E

MUSC699O (PermReq) Selected Topics in Music: The Business of Music II; Grade Method: REG/AUD. Limited to music majors. — 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 3116) — Walters, E

MUSC699P (PermReq) Selected Topics in Music: Masterclass Series in Performing Baroque Music; Grade Method: REG/AUD. — 2 credits
0101 W.....12:00pm- 3:00pm (TWS 1125) — Slowik, K

MUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MUSC800W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For wind and percussion majors. — 3 credits
0101 Time and room to be arranged — Barnett, R
0201 Time and room to be arranged — Bowman, B
0301 Time and room to be arranged — Head, E
0401 Time and room to be arranged — Heim, N
0501 Time and room to be arranged — Hudson, W
0601 Time and room to be arranged — Jackson, R
0701 Time and room to be arranged — Montgomery, W
0801 Time and room to be arranged — Olson, O
0901 Time and room to be arranged — Ross, G
1001 Time and room to be arranged — Sparks, L
2001 Time and room to be arranged — Stevens, M
3001 Time and room to be arranged — Wakefield, J
4001 Time and room to be arranged — Walters, E

MUSC801S (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. — 3 credits
0101 M.....1:00pm- 3:00pm (TWS 1123) — Fischbach, G
Time and room to be arranged DIS

MUSC801W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For wind and percussion majors. — 3 credits
0101 Time and room to be arranged — Barnett, R
0201 Time and room to be arranged — Bowman, B
0301 Time and room to be arranged — Head, E
0401 Time and room to be arranged — Heim, N
0501 Time and room to be arranged — Hudson, W
0601 Time and room to be arranged — Jackson, R
0701 Time and room to be arranged — Montgomery, W
0801 Time and room to be arranged — Olson, O
0901 Time and room to be arranged — Ross, G
1001 Time and room to be arranged — Sparks, L
2001 Time and room to be arranged — Stevens, M
3001 Time and room to be arranged — Wakefield, J
4001 Time and room to be arranged — Walters, E

MUSC830W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. For winds and percussion majors. — 3 credits
0101 Time and room to be arranged — Barnett, R
0201 Time and room to be arranged — Bowman, B
0301 Time and room to be arranged — Head, E
0401 Time and room to be arranged — Heim, N
0501 Time and room to be arranged — Hudson, W
0601 Time and room to be arranged — Jackson, R
0701 Time and room to be arranged — Montgomery, W
0801 Time and room to be arranged — Olson, O
0901 Time and room to be arranged — Ross, G
1001 Time and room to be arranged — Sparks, L
2001 Time and room to be arranged — Stevens, M
3001 Time and room to be arranged — Wakefield, J
4001 Time and room to be arranged — Walters, E

MUSC831P (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: MUSC 830 or permission of instructor. Limited to piano majors. — 3 credits
0101 F.....9:00am-11:30am (TWS 2138) — STAFF

MUSC831S (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: MUSC 830 or permission of instructor. — 3 credits
0101 Time and room to be arranged — Slowik, K
0201 Time and room to be arranged — Burris, C

MUSC831V (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG. Prerequisite: MUSC 830 or permission of instructor. — 3 credits
0101 TBA (TWS 2231) — Urban, E

MUSC831W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: MUSC 830 or permission of instructor. For wind and percussion majors. — 3 credits
0101 Time and room to be arranged — Barnett, R
0201 Time and room to be arranged — Bowman, B
0301 Time and room to be arranged — Head, E
0401 Time and room to be arranged — Heim, N
0501 Time and room to be arranged — Hudson, W
0601 Time and room to be arranged — Jackson, R
0701 Time and room to be arranged — Montgomery, W
0801 Time and room to be arranged — Olson, O
0901 Time and room to be arranged — Ross, G
1001 Time and room to be arranged — Sparks, L
2001 Time and room to be arranged — Stevens, M
3001 Time and room to be arranged — Wakefield, J
4001 Time and room to be arranged — Walters, E

MUSC878 (PermReq) Advanced Composition; Grade Method: REG/AUD. Advanced special students require department authorization. — 3 credits
0101 TBA (TWS 1219B) — Moss, L
0201 TBA (TWS 1241B) — DeLio, T
0301 TBA (TWS 1231C) — Wilson, M
0401 TBA (TWS 1241A) — Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MUSP Music Performance — (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 — 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 — 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 (PermReq) Interpretation and Repertoire — 2 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 (PermReq) Graduate Music Performance — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 — 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 (PermReq) Interpretation and Repertoire — 2 or 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 (PermReq) Graduate Music Performance — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 (PermReq) Interpretation and Repertoire — 2 or 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 (PermReq) Interpretation, Performance, and Pedagogy — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NRMT Natural Resources Management — (Agriculture)

NRMT389 (PermReq) Internship: Internship in Natural Resources Management; Grade Method: S-F. Natural resources management majors only. — 3 credits
0101 Time and room to be arranged — Kangas, P

NRMT461 Urban Wildlife Management; Grade Method: REG. — 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 0200) — Adams, L

NRMT470 (PermReq) Natural Resources Management; Grade Method: REG/AUD. Senior standing. For NRMT majors only. Second semester juniors and seniors only. — 4 credits
0101 MW.....3:00pm- 4:15pm (SYM 0115) — Kangas, P

NRMT489 (PermReq) Field Experience; Grade Method: REG. — 1-4 credits
0101 Time and room to be arranged — Kangas, P

NRMT499 (PermReq) Special Problems; Grade Method: REG. — 3 credits
0101 Time and room to be arranged — Kangas, P

NUSC Nutritional Sciences — (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUSC460 (PermReq) Therapeutic Human Nutrition; Grade Method: REG/P-F/AUD. Prerequisite: NUTR 440 and NUTR 450. Also offered as NUTR 460. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1304) — Taylor, M
M.....2:00pm- 4:00pm (MMH 3418) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 1304) — Taylor, M
W.....2:00pm- 4:00pm (MMH 3418) LAB

NUSC604 Vitamin Nutrition; Grade Method: REG/AUD. Prerequisites: ANSC 401 and BCHM 461. Also offered as ANSC 604. — 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) — Soares Jr, J

NUSC699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUSC699C Problems in Nutrition: Radio Chemistry for Biologists; Grade Method: REG/AUD. — 2 credits
0101 MW.....9:00am-10:00am (CHM 0122) — Kahl, S

NUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUSC898 Colloquium in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:45pm- 6:15pm (MMH 1400) — Sampugna, J

NUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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NUTR Nutrition — (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0126) — Cook, P

NUTR200 Nutrition for Health Services; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104 or CHEM 233; and ZOOL 201 or ZOOL 202 or ZOOL 211. Section 0102 recommended for HNFS department majors. — 3 credits
0101 MW.....11:00am-11:50am (MMH 3418) — Prather, M
M.....1:00pm- 3:00pm (MMH 1400) LAB
0102 MW.....11:00am-11:50am (MMH 3418) — Prather, M
W.....1:00pm- 3:00pm (MMH 1400) LAB

NUTR335 History of Nutrition; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: course in basic nutrition. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0220) — Ahrens, R

NUTR440 (PermReq) Advanced Human Nutrition I; Grade Method: REG/P-F/AUD. Prerequisites: (NUTR 330; and ZOOL 202; and NUTR 100 or NUTR 200) or permission of department. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MMH 3418) — Ahrens, R
Tu.....1:00pm- 4:00pm (MMH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 3418) — Ahrens, R
Th.....2:00pm- 5:00pm (MMH 3419) LAB

NUTR460 (PermReq) Therapeutic Human Nutrition; Grade Method: REG/P-F/AUD. Prerequisites: NUTR 440 and NUTR 450. Also offered as NUSC 460. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1304) — Taylor, M
M.....2:00pm- 4:00pm (MMH 3418) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 1304) — Taylor, M
W.....2:00pm- 4:00pm (MMH 3418) LAB

NUTR468 (PermReq) Practicum in Nutrition; Grade Method: S-F. — 1-3 credits
0101 MWF.....12:00pm-12:50pm (MMH 3418) — Curtis, S

NUTR475 Dynamics of Community Nutrition; Grade Method: REG/P-F/AUD. Prerequisite: NUTR 470 or permission of department. Course taught spring semesters only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 3418) — Jackson, R

NUTR490 (PermReq) Special Problems in Nutrition; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: NUTR 440 and permission of department. — 2-3 credits

NUTR498A (PermReq) Selected Topics: Individual Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

NUTR498L (PermReq) Selected Topics: Computer Applications in HNSS; Grade Method: REG/P-F/AUD. Open to HNFS majors only. — 1 credit
0101 M.....2:00pm- 5:00pm (MMH 1314) LAB — STAFF

NUTR615 Maternal and Infant Nutrition; Grade Method: REG/AUD. Prerequisite: NUTR 460 or equivalent, or permission of department. — 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 0108) — Moser-Veillon,

NUTR620 Nutrition for Community Services; Grade Method: REG/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1304) — Taylor, M

NUTR660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) — Castonguay, T

NUTR675 Advanced Clinical Dietetics; Grade Method: REG/AUD. Prerequisite: permission of department. Open to Walter Reed Army dietetic interns only. — 3 credits
0101 Time and room to be arranged — Patterson, R

NUTR678A (PermReq) Selected Topics in Nutrition: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

NUTR678P (PermReq) Selected Topics in Nutrition: Practicum in Nutrition; Grade Method: REG. — 3 credits
0101 M.....4:00pm- 7:00pm (MMH 3418) — STAFF

NUTR688 Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) — Read, M

NUTR699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUTR789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

NUTR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUTR888 Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) — Read, M

NUTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PCOM Public Communication — (Arts and Humanities)

PCOM701 (PermReq) Quantitative Methods in Public Communication Research; Grade Method: REG/AUD. Prerequisite: PCOM 700. — 3 credits
0101 W.....7:00pm- 9:45pm (JRN 1116) — Grunig, L

PCOM702 (PermReq) Intermediate Quantitative Data Analysis in Public Communication Research: The General Linear Model; Grade Method: REG/AUD. Prerequisite: PCOM 700 and permission of instructor. — 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) — Fink, E

PCOM711 Qualitative Research Methods in Public Communication Research; Grade Method: REG/AUD. Prerequisite: PCOM 700. Course taught by J. Klumpp and R. Meersman. — 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 0135) — Klumpp, J

PCOM888 (PermReq) Doctoral Practicum in Public Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-9 credits

PCOM889 (PermReq) Doctoral Tutorial in Public Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

PCOM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PHIL Philosophy — (Arts and Humanities)

Philosophy Department Handbook

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are available in Room 1131 of the Skinner Building.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....9:00am- 9:50am (CSS 2352) DIS
0102 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....9:00am- 9:50am (MTH 0305) DIS
0103 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....9:00am- 9:50am (EGR 0135) DIS
0104 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....10:00am-10:50am (CHM 0127) DIS
0105 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....10:00am-10:50am (CLB 0102) DIS
0106 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....10:00am-10:50am (CSS 2352) DIS
0107 MW.....1:00pm- 1:50pm (ARM 0131) — Odell, S
F.....1:00pm- 1:50pm (EGR 2112) DIS

0108 MW.....1:00pm- 1:50pm (ARM 0131) Odell, S
F.....1:00pm- 1:50pm (CHE 2140) DIS
0109 MW.....1:00pm- 1:50pm (ARM 0131) Odell, S
F.....1:00pm- 1:50pm (ZOP 1232) DIS
0201 TuTh.....12:30pm- 1:45pm (CSS 2352) Jankovic, M
0301 MWF.....9:00am- 9:50am (CHM 0124) Mackey, T

PHIL110 Plato's Republic; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 1131) STAFF

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. 3 credits
0101 MW.....11:00am-11:50am (CSS 2324) Lichtenberg, J
F.....9:00am- 9:50am (EGR 1102) LAB
0102 MW.....11:00am-11:50am (CSS 2324) Lichtenberg, J
F.....10:00am-10:50am (CHE 2136) LAB
0103 MW.....11:00am-11:50am (CSS 2324) Lichtenberg, J
F.....12:00pm-12:50pm (CHE 2145) LAB
0301 TuTh.....9:30am-10:45am (CHE 2136) Chandler, T

A note about PHIL 170, PHIL 173, PHIL 174, and PHIL 271: PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All four courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....1:00pm- 1:50pm (CLB 0111) Stairs, A
F.....1:00pm- 1:50pm (CHE 2145) DIS
0102 MW.....1:00pm- 1:50pm (CLB 0111) Stairs, A
F.....11:00am-11:50am (CLB 0104) DIS
0103 MW.....1:00pm- 1:50pm (CLB 0111) Stairs, A
F.....2:00pm- 2:50pm (CHM 0122) DIS
0201 TuTh.....9:30am-10:45am (CHE 2136) MacCallum, D
0301 MWF.....12:00pm-12:50pm (CHE 2110) Sandy, J

PHIL173 Logic and the English Language I; Grade Method: REG. 3 credits
0101 MWF.....10:00am-10:50am (WDS 1114) Pasch, A

PHIL201 Issues in the Philosophy of Life; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1120) Slote, M

PHIL245 Political and Social Philosophy I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2330) Strudler, A

PHIL250 Philosophy of Science I; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: RIST 174 or PHIL 250. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0117) Amann, S
0201 MW.....2:00pm- 3:15pm (CHM 0127) Stairs, A

PHIL271 Symbolic Logic I; Grade Method: REG/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Formerly PHIL 371. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3110) Svenonius, L
0201 MWF.....2:00pm- 2:50pm (CLB 0104) Fleishman, S

PHIL308A Studies in Contemporary Philosophy: Philosophy of Literature and Film; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy and one in literature or film. In addition to scheduled classes, one viewing of a movie every other week will be required. Will be taught by Prof. Gregory Currie, visiting from the Univ. of Otago, New Zealand. 3 credits
0101 MW.....3:00pm- 4:15pm (CSS 2330) STAFF

PHIL310 Ancient Philosophy; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy or classics. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Lesher, J

PHIL320 Modern Philosophy; Grade Method: REG/AUD. Prerequisite: six credits in philosophy. 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2136) Campbell, K

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy.. Recommended: PHIL 320. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 2201) Rey, G

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a GVPT course in political theory or an ECON course in economic theory. 3 credits
0101 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....9:00am- 9:50am (CHE 2120) DIS
0102 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....10:00am-10:50am (CHE 2120) DIS
0103 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....1:00pm- 1:50pm (EGR 1106) DIS

PHIL331 Philosophy of Art; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Recommended: two courses in the arts or one course in philosophy. 3 credits
0101 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....11:00am-11:50am (JMP 3105) DIS
0102 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....1:00pm- 1:50pm (CHE 2118) DIS
0103 WF.....11:00am-11:50am (ZOP 1243) Brown, J
M.....2:00pm- 2:50pm (CHE 2120) DIS

PHIL341 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD. Not open to students who have completed PHIL 142. Formerly PHIL 142. 3 credits
0101 MWF.....11:00am-11:50am (CLB 0109) Strom, J

PHIL360 Philosophy of Language; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 170, PHIL 173, or PHIL 271. 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0122) Devitt, M

PHIL386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: PHIL 387. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major. 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: PHIL 386. Consult Director of Undergraduate Studies: Pasch, A. 3 credits

PHIL408C Topics in Contemporary Philosophy: Realism: Current Views; Grade Method: REG/P-F/AUD. Prerequisite: six hours of philosophy or permission of instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 0122) Devitt, M

PHIL431 Aesthetic Theory; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1110) Brown, J

PHIL447 Philosophy of Law; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0128) Luban, D

PHIL451 Scientific Thought II; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a major in science. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2352) Wallace, W

PHIL456 Philosophy of Biology; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 250 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2352) Ross, P

PHIL471 Symbolic Logic II; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 271 or permission of department. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2136) Svenonius, L

PHIL488U Topics in Philosophy of Cognitive Studies: Cognitive Universals; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (CLB 0102) Cherniak, C

PHIL498E (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498F (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 2201) Rey, G

PHIL688U Selected Problems in Philosophy: Cognitive Universals; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (CLB 0102) Cherniak, C

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788G (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL808F Seminar in the Problems of Philosophy: Wittgenstein; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Odell, S

PHIL828 Seminar in the History of Philosophy: Plato, Aristotle, Stoics; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Slote, M

PHIL858G Seminar in Logic and Philosophy of Sciences: Modal and Nonmonotonic Logic; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (CLB 0109) Horty, J

PHIL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD. Pre- or corequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Sciences Laboratory Course when taken concurrently with PHYS 103. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 103, course may be counted as USP Distributive Studies Area B Lab Science Course. Credit cannot be received for both PHYS 102 and PHYS 498C. 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Sucher, J

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 102. 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 107. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 107, course may be counted USP Distributive Studies Area B Lab Science Course. 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Layman, J

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 106. 1 credit
0101 M.....3:00pm- 4:50pm (PHY 3214) LAB Layman, J
0201 Tu.....8:00am-10:50am (PHY 3214) LAB Layman, J
0301 Tu.....11:00am-12:50pm (PHY 3214) LAB Layman, J
0401 Tu.....1:00pm- 2:50pm (PHY 3214) LAB Layman, J
0501 W.....11:00am-12:50pm (PHY 3214) LAB Layman, J
0601 W.....3:00pm- 4:50pm (PHY 3214) LAB Layman, J
0701 Th.....3:00pm- 4:50pm (PHY 3214) LAB Layman, J
0801 W.....8:00am-10:50am (PHY 3214) LAB Layman, J

PHYS112 Physics in the Modern World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Snow, G

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: qualification to enter MATH 110. 4 credits
0101 MWF.....9:00am- 9:50am (PHY 1410) Hamilton, D
Tu.....11:00am-12:50pm (PHY 3318) LAB
0102 MWF.....9:00am- 9:50am (PHY 1410) Hamilton, D
W.....10:00am-11:50am (PHY 3318) LAB
0103 MWF.....9:00am- 9:50am (PHY 1410) Hamilton, D
W.....3:00pm- 4:50pm (PHY 3318) LAB
0104 MWF.....9:00am- 9:50am (PHY 1410) Hamilton, D
Tu.....1:00pm- 2:50pm (PHY 3318) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: previous course work in trigonometry or MATH 115. Physics Clinic, PHY 1214, MTWHF 12,2. 4 credits
0101 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
Th.....8:00am-10:50am (PHY 3308) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
Tu.....8:00am-10:50am (PHY 3308) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0103 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
Th.....9:00am-11:50am (PHY 3308) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0104 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
M.....1:00pm- 2:50pm (PHY 3308) LAB
M.....12:00pm-12:50pm (PHY 0405) DIS
0105 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
W.....12:00pm- 1:50pm (PHY 3308) LAB
W.....11:00am-11:50am (PHY 0405) DIS
0106 TuTh.....11:00am-12:15pm (PHY 1410) Bhagat, S
M.....9:00am-10:50am (PHY 3308) LAB
M.....8:00am- 8:50am (PHY 0405) DIS
0201 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....10:00am-11:50am (PHY 3308) LAB
W.....9:00am- 9:50am (PHY 0405) DIS
0202 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....3:00pm- 4:50pm (PHY 3308) LAB
W.....2:00pm- 2:50pm (PHY 0405) DIS
0203 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
M.....3:00pm- 4:50pm (PHY 3308) LAB
M.....2:00pm- 2:50pm (PHY 0405) DIS
0204 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....3:00pm- 4:50pm (PHY 3308) LAB
Tu.....2:00pm- 2:50pm (PHY 0405) DIS
0205 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....1:00pm- 2:50pm (PHY 3308) LAB
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0206 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Th.....12:00pm- 1:50pm (PHY 3308) LAB
Th.....11:00am-11:50am (PHY 0405) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 121 or equivalent. Physics Clinic, PHY 1214, MTWHF 11,2. 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
M.....12:00pm- 1:50pm (PHY 3312) LAB
M.....11:00am-11:50am (ZOP 1228) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....12:00pm- 1:50pm (PHY 3312) LAB
W.....11:00am-11:50am (ZOP 1232) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 1221) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 1221) DIS
0106 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Th.....10:00am-11:50am (PHY 3312) LAB
Th.....9:00am- 9:50am (PHY 0405) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Tu.....10:00am-11:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (PHY 0405) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Th.....3:00pm- 4:50pm (PHY 3312) LAB
Th.....2:00pm- 2:50pm (PHY 1219) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 1402) DIS
0205 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Th.....8:00am- 9:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (MTH B0427) DIS
0301 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Tu.....7:30pm- 9:30pm (PHY 3312) LAB
Tu.....6:30pm- 7:20pm (PHY 1219) DIS
0302 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Th.....7:30pm- 9:30pm (PHY 3312) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS
0303 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Tu.....4:00pm- 6:00pm (PHY 3312) LAB
Tu.....3:00pm- 3:50pm (PHY 1219) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics Clinic, PHY 1214, MTWHF 2. 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
W.....11:00am-12:50pm (PHY 3314) LAB
W.....10:00am-10:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
W.....1:00pm- 2:50pm (PHY 3314) LAB
W.....12:00pm-12:50pm (PHY 0405) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....11:00am-12:50pm (PHY 3314) LAB
Th.....10:00am-10:50am (EGR 3108) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics Clinic, PHY 1214, MTWHF 10,12. 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....1:00pm- 2:50pm (PHY 3310) LAB
M.....12:00pm-12:50pm (PHY 4220) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....3:00pm- 4:50pm (PHY 3310) LAB
M.....2:00pm- 2:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....9:00am-10:50am (PHY 3310) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....3:00pm- 4:50pm (PHY 3310) LAB
Tu.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics Clinic, PHY 1214, MTWHF 11, 1, 2. 3 credits
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
Tu.....2:00pm- 2:50pm (PHY 1402) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
W.....3:00pm- 3:50pm (PHY 1402) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
Th.....11:00am-11:50am (PHY 1402) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
W.....1:00pm- 1:50pm (PHY 4208) DIS
0205 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
Th.....3:00pm- 3:50pm (PHY 4208) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
Tu.....11:00am-11:50am (PHY 1402) DIS
0302 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
Th.....2:00pm- 2:50pm (PHY 4208) DIS
0303 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
W.....8:00am- 8:50am (PHY 4208) DIS
0304 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
Th.....8:00am- 8:50am (PHY 1219) DIS
0305 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
F.....1:00pm- 1:50pm (PHY 4208) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Jacobson, T
MW.....7:00pm- 9:00pm (PHY 1219) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Jacobson, T
MW.....7:00pm- 9:00pm (PHY 1221) DIS
0403 MW.....7:00pm- 9:00pm (PHY 1410) Jacobson, T
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS161H General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. 3 credits
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Gluckstern, R
Tu.....11:00am-11:50am (PHY 1219) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Kacser, C
Tu.....11:00am-11:50am (PHY 1219) DIS

PHYS161J General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1412) Redish, E
M.....4:00pm- 4:50pm (PHY 4208) DIS
0102 MWF.....12:00pm-12:50pm (PHY 1412) Redish, E
Tu.....8:00am- 8:50am (PHY 4208) DIS
0103 MWF.....12:00pm-12:50pm (PHY 1412) Redish, E
Th.....8:00am- 8:50am (PHY 4208) DIS
0104 MWF.....12:00pm-12:50pm (PHY 1412) Redish, E
M.....1:00pm- 1:50pm (PHY 4220) DIS
0105 MWF.....12:00pm-12:50pm (PHY 1412) Redish, E
W.....2:00pm- 2:50pm (PHY 4208) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. — 3 credits

0101 MTuThF....10:00am-10:50am (PHY 0405) Lobb, C

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics Clinic, PHY 1214, MTWHF 11 1. — 4 credits

0201 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Tu.....12:00pm-12:50pm (PHY 1402) DIS
0202 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
M.....1:00pm- 1:50pm (PHY 1219) DIS
0203 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Th.....11:00am-11:50am (PHY 1219) DIS
0204 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
W.....8:00am- 8:50am (PHY 1219) DIS
0205 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Tu.....3:00pm- 3:50pm (PHY 4220) DIS
0301 TuTh.....9:30am-10:45am (PHY 1410) Woo, C
W.....3:00pm- 3:50pm (PHY 1221) DIS
0302 TuTh.....9:30am-10:45am (PHY 1410) Woo, C
Tu.....3:00pm- 3:50pm (PHY 1402) DIS
0303 TuTh.....9:30am-10:45am (PHY 1410) Woo, C
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0304 TuTh.....9:30am-10:45am (PHY 1410) Woo, C
F.....12:00pm-12:50pm (PHY 4208) DIS
0305 TuTh.....9:30am-10:45am (PHY 1410) Woo, C
Th.....8:00am- 8:50am (PHY 1221) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI. Laboratory for PHYS 262. — No credit

0101 Th.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0102 M.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0103 M.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0104 M.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0105 M.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0106 Tu.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0107 Tu.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0108 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0109 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0110 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0111 W.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0112 W.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0113 W.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0114 W.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0115 W.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0116 Th.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0117 Th.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0118 Th.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Physics Clinic, PHY 1214, MTWHF 10, 12, 2. — 4 credits

0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
W.....2:00pm- 2:50pm (PHY 1402) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....10:00am-10:50am (PHY 1219) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
W.....12:00pm-12:50pm (PHY 4220) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
Th.....1:00pm- 1:50pm (PHY 4208) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
Tu.....8:00am- 8:50am (PHY 1219) DIS
0302 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
W.....1:00pm- 1:50pm (PHY 1219) DIS
0303 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
Th.....12:00pm-12:50pm (PHY 1219) DIS
0304 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
Tu.....1:00pm- 1:50pm (PHY 1402) DIS
0305 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
F.....10:00am-10:50am (PHY 1219) DIS
0306 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
Tu.....1:00pm- 1:50pm (PHY 4102) DIS
0401 MW.....7:00pm- 9:00pm (PHY 0405) Baden, A
MW.....7:00pm- 9:00pm (PHY 4208) DIS
0402 MW.....7:00pm- 9:00pm (PHY 0405) Baden, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI. Laboratory for PHYS 263. — No credit

0101 Th.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0102 Th.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0103 M.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0104 M.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0105 M.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0107 Tu.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0108 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0109 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0110 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0111 W.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0112 W.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0113 W.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0114 W.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0115 W.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0116 Th.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0117 Th.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0119 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N
0120 Th.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N

PHYS263H (PermReq) General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Clinic - M and Z Slawsky, arranged - PHY 1214. — 4 credits

0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....4:00pm- 4:50pm (PHY 1219) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Hu, B
M.....4:00pm- 4:50pm (PHY 1219) DIS

PHYS272 Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (It is preferable to take MATH 241 before MATH 240 for this course.). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course Lab Science Course. — 3 credits

0101 MF.....11:00am-11:50am (PHY 4208) Goodman, J
W.....11:00am-12:50pm (PHY 4208)

PHYS273 Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. USP Distributive Studies Area B Natural Sciences and Mathematics Lab Science Course when taken with PHYS 276. — 3 credits

0101 MF.....11:00am-11:50am (PHY 1402) Glick, A
W.....10:00am-11:50am (PHY 1402)

PHYS275 (PermReq) Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 or PHYS 191. One two-three laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS 275, PHYS 195, PHYS 196. CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 272. — 1 credit

0101 M.....3:00pm- 5:50pm (PHY 3203) LAB Chang, C
0201 W.....1:00pm- 3:50pm (PHY 3203) LAB Chang, C
0301 Th.....2:00pm- 4:50pm (PHY 3203) LAB Ellis, R

PHYS276 Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272 or PHYS 293. Credit will not be granted for both PHYS 276 and former PHYS 295. — 2 credits

0101 M.....1:00pm- 4:50pm (PHY 3211) Richard, J
0201 Tu.....1:00pm- 4:50pm (PHY 3211) Paik, H
0301 W.....12:00pm- 3:50pm (PHY 3211) Paik, H

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 142 and MATH 241. — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1221) Kim, Y

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 395 or permission of department. — 1 credit

0101 Th.....2:00pm- 4:50pm (PHY 0125) LAB Giddings, M

PHYS375 (PermReq) Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 273 or PHYS 294. Credit will not be granted for both PHYS 375 and former PHYS 296. — 2 credits

0101 M.....1:00pm- 4:50pm (PHY 3104) LAB Currie, D
0201 W.....2:00pm- 5:50pm (PHY 3104) LAB Currie, D
0301 Th.....1:00pm- 4:50pm (PHY 3104) LAB Boyd, D

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS395 (PermReq) Advanced Experiments; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 375. Additional required lab time to be arranged. — 3 credits

0101 W.....12:00pm- 3:50pm (PHY 3210) LAB Chang, C

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Corequisite: MATH 240. — 4 credits

0101 TuTh.....9:00am-10:50am (PHY 4208) Prange, R

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240 and MATH 241. — 4 credits

0101 TuTh.....9:00am-10:50am (PHY 1402) Misner, C

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. — 3 credits

0101 TuTh.....2:30pm- 3:45pm (PHY 1221) Kelly, J

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1410) Earl, J
0201 TuTh.....8:00am- 9:15am (PHY 1410) Griem, H

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. — 3 credits

0101 MWF.....11:00am-11:50am (PHY 1219) Roos, P

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 421. — 4 credits

0101 MF.....9:00am- 9:50am (PHY 1219) Drew, H
W.....9:00am-10:50am (PHY 1219)

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. — 3 credits

0101 M.....1:00pm- 6:00pm (PHY 3112) LAB Jawahery, A
0201 Th.....12:00pm- 5:00pm (PHY 3112) LAB Zorn, G

PHYS465 Modern Optics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 410; and PHYS 411; and PHYS 420 or PHYS 421. — 3 credits

0101 TuTh.....1:00pm- 2:15pm (PHY 1304) Gammon, R

PHYS485 (PermReq) Electronic Circuits; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 395. Corequisite: PHYS 301 or PHYS 411. Lab begins first week of classes. — 4 credits

0101 M.....2:00pm- 3:50pm (PHY 4220) Anderson, J
W.....1:00pm- 4:50pm (PHY 3301) LAB

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Sucher, J

PHYS499D Special Problems in Physics: Chaos; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....4:00pm- 5:15pm (PHY 1126) Ott, E

PHYS499J Special Problems in Physics: Computer Solutions to Real World Physics Problems; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (PHY 4102) Macdonald, W

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD. Prerequisite: PHYS 410 or equivalent. Advanced special students require department authorization. — 3 credits

0101 MWF.....1:00pm- 1:50pm (PHY 1402) Griffin, J

PHYS603 Methods of Statistical Physics; Grade Method: REG/AUD. Prerequisite: PHYS 414 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603. — 3 credits

0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Banerjee, M

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD. Prerequisites: [advanced calculus; and PHYS 410; and PHYS 411]; or equivalent. Advanced special students require department authorization. — 3 credits

0101 MWF.....10:00am-10:50am (PHY 4208) Oneda, S

PHYS606 Electrodynamics; Grade Method: REG/AUD. Prerequisite: PHYS 604 or equivalent. Advanced special students require department authorization. — 4 credits

0101 TuTh.....10:00am-11:50am (PHY 4220) Wallace, S
0201 TuTh.....10:00am-11:50am (PHY 1304) Hassam, A

PHYS621 Graduate Laboratory; Grade Method: REG/AUD. All labs will extend 1 hour beyond those listed below. Advanced special students require department authorization. — 3 credits

0101 M.....1:00pm- 6:00pm (PHY 3112) LAB Jawahery, A
0201 Th.....12:00pm- 5:00pm (PHY 3112) LAB Zorn, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. Advanced special students require department authorization. — 4 credits

0101 MF.....11:00am-11:50am (EGR 3110) Ferrell, R
W.....11:00am-12:50pm (EGR 3110)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. Advanced special students require department authorization. — 3 credits

0101 MWF.....10:00am-10:50am (PHY 4220) Mohapatra, R
0201 MWF.....10:00am-10:50am (PHY 1221) Chen, H

PHYS625 Non-relativistic Quantum Mechanics; Grade Method: REG/AUD. Prerequisite: PHYS 623. Advanced special students require department authorization. — 3 credits

0101 MWF.....11:00am-11:50am (PHY 4220) Korenman, V

PHYS704 Statistical Mechanics; Grade Method: REG/AUD. Prerequisites: PHYS 411; and PHYS 602. — 3 credits

0101 TuTh.....9:30am-10:45am (PHY 1219) Fisher, M
TBA (PHY 1221)

PHYS708 Seminar in Teaching College Physics; Grade Method: REG/AUD. — 1 credit

0101 Th.....4:00pm- 4:50pm (PHY 0405) Layman, J

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 Tu.....1:15pm- 2:30pm (IPT 1115) Fisher, M

PHYS711 Symmetry Problems in Physics; Grade Method: REG/AUD. Prerequisite: PHYS 623. Advanced special students require department authorization. — 3 credits

0101 MWF.....9:00am- 9:50am (PHY 4102) Gates Jr., S

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD. Advanced special students require departmnt authorization. — 1 credit

0101 W.....4:00pm- 5:50pm (PHY 1402) Gluckstern, R

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 Th.....2:00pm- 3:30pm (PHY 4220) Anderson, J

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 Th.....2:00pm- 3:30pm (PHY 4220) Anderson, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 M.....4:00pm- 5:30pm (PHY 1304) Roos, P

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 W.....4:00pm- 5:30pm (PHY 1219) Macdonald, W

PHYS752 Elementary Particle Physics II: Theory; Grade Method: REG/AUD. Prerequisites: [PHYS 624; and PHYS 751]. Advanced special students require department authorization. — 3 credits

0101 TuTh.....2:30pm- 3:45pm (PHY 0405) Pati, J

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 W.....3:00pm- 3:50pm (PHY 4220) Hadley, N

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 M.....3:00pm- 4:15pm (PHY 4102) Gates Jr., S

PHYS762 Plasma Physics II; Grade Method: REG/AUD. Advanced special students require department authorization. — 3 credits

0101 MWF.....9:00am- 9:50am (PHY 1402) Liu, C

PHYS769 Seminar in Plasma Physics: Plasma Physics Research; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 M.....4:15pm- 6:00pm (CSS 1113) Hamilton, D

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD. Advanced special students require department authorization. — 1 credit

0101 F.....1:30pm- 3:15pm (PHY 1304) Hu, B

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; Grade Method: REG/AUD. — 1 credit

0101 Tu.....4:00pm- 4:50pm (PHY 1410) STAFF

PHYS798D (PermReq) Special Problems in Advanced Physics: X-Ray and XUV Physics; Grade Method: REG/AUD. — 3 credits

0101 MW.....9:30am-10:45am (PHY 1126) McIlrath, T

PHYS799 Master's Thesis Research: Statistical Field Theory; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS832 Theory of Solids I; Grade Method: REG/AUD. Prerequisite: PHYS 623. Corequisite: PHYS 625. Advanced special students require department authorization. — 3 credits

0101 MW.....2:00pm- 3:15pm (PHY 1219) Einstein, T

PHYS838A Special Topics in Experimental Solid State Physics: Methods of Surface Physics; Grade Method: REG/AUD. — 2 credits

0101 F.....4:00pm- 6:00pm (PHY 1304) Park, R

PHYS839B Special Topics in Theoretical Solid State Physics; Grade Method: REG/AUD. — 2 credits

0101 F.....4:00pm- 6:00pm (PHY 1126) Das Sarma, S

PHYS851 Advanced Quantum Field Theory; Grade Method: REG/AUD. Prerequisite: PHYS 624. — 3 credits

0101 MWF.....11:00am-11:50am (PHY 1221) Greenberg, O

PHYS869 Special Topics in Plasma Physics: Plasma Diagnostics; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....11:00am-12:15pm (PHY 1126) Desilva, A

PHYS879 Special Topics in General Relativity; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....9:30am-10:45am (PHY 1126) Brill, D

PHYS888 Special Topics in Applied Physics: Instrumental Techniques for Experimental Physics Research; Grade Method: REG/AUD. Advanced special students require department authorization. — 2 credits

0101 TuTh.....12:00pm-12:50pm (PHY 1221) Giganti, J

PHYS889 Special Topics in Interdisciplinary Problems; Grade Method: REG/AUD. — 3 credits

0101 MW.....12:30pm- 1:45pm (PHY 1304) Hu, B

PHYS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) — Igel, R
Tu.....12:00pm-12:50pm (JMZ 0125)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 101. — 4 credits
0101 MWF.....11:00am-11:50am (JMZ 0120) — STAFF
Tu.....11:00am-11:50am (JMZ 1120)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 102. — 4 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1123) — Butler, P
Tu.....1:00pm- 1:50pm (JMZ 0103)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD. Prerequisite: PORT 203 or permission of department. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1211) — STAFF

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD. Prerequisite: PORT 203. — 3 credits
0101 MWF.....11:00am-11:50am (ARM 0120) — Igel, R

PORT224 Brazilian Culture in English; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2125) — Butler, P

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478A Themes and Movements of Luso-Brazilian Literature in Translation: Africa in Brazil; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....10:00am-10:50am (HZF 1108) — Butler, P

PORT478C Themes and Movements of Luso-Brazilian Literature in Translation: Women as Authors and Characters in Brazilian Fiction ; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1211) — Igel, R

PSYC Psychology (Behavior & Social Sci)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Discussion sections do not meet until after first lecture. — 3 credits
0110 MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....11:00am-11:50am (ZOP 1228) DIS
0111 MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....12:00pm-12:50pm (ZOP 1228) DIS
0112 MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....1:00pm- 1:50pm (ZOP 1228) DIS
0113 MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....2:00pm- 2:50pm (ZOP 1228) DIS
0114 MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0123 MW.....10:00am-10:50am (ZOP 1250) — STAFF
F.....9:00am- 9:50am (ZOP 1228) DIS
0220 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0221 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
W.....2:00pm- 2:50pm (ZOP 1232) DIS
0222 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
W.....3:00pm- 3:50pm (ZOP 1232) DIS
0223 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
W.....4:00pm- 4:50pm (ZOP 1232) DIS
0224 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
Th.....12:00pm-12:50pm (ZOP 1232) DIS
0226 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
Th.....11:00am-11:50am (ZOP 1228) DIS
0227 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0228 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0229 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
Th.....2:00pm- 2:50pm (ZOP 1228) DIS
0233 MW.....12:00pm-12:50pm (ZOP 1240) — McIntire, R
F.....10:00am-10:50am (ZOP 1228) DIS
0440 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
Tu.....2:00pm- 2:50pm (ZOP 1124) DIS
0442 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
Tu.....4:00pm- 4:50pm (ZOP 1124) DIS
0443 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....9:00am- 9:50am (ZOP 1124) DIS
0444 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....10:00am-10:50am (ZOP 1124) DIS
0445 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....11:00am-11:50am (ZOP 1124) DIS
0446 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....12:00pm-12:50pm (ZOP 1124) DIS
0447 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....1:00pm- 1:50pm (ZOP 1124) DIS
0448 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0450 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
Th.....2:00pm- 2:50pm (ZOP 1232) DIS
0452 TuTh.....1:00pm- 1:50pm (ZOP 1240) — Martin, J
Th.....4:00pm- 4:50pm (ZOP 1232) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Permission may be obtained in the General Honors Office (0110 Hornbake) or in ZOP 1107. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 2283) — Sternheim, C

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220. Permission must be obtained in ZOP 1107. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1238) — STAFF
0201 MWF.....2:00pm- 2:50pm (ZOP 1238) — STAFF
0301 TuTh.....9:30am-10:45am (ZOP 1238) — Penner, M
0401 TuTh.....11:00am-12:15pm (ZOP 1238) — Horton, D
0501 TuTh.....3:30pm- 4:45pm (ZOP 1238) — Martin, J

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. — 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
W.....2:00pm- 2:50pm (ZOP 1234) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
W.....3:00pm- 3:50pm (ZOP 1234) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
Th.....12:00pm-12:50pm (ZOP 2109) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
Th.....1:00pm- 1:50pm (ZOP 1234) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
Th.....2:00pm- 2:50pm (ZOP 1234) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
F.....10:00am-10:50am (ZOP 1124) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
F.....11:00am-11:50am (ZOP 1124) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
F.....12:00pm-12:50pm (ZOP 1124) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) — Ford, T
F.....2:00pm- 2:50pm (ZOP 1124) DIS

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) — Yager, D

PSYC309C Special Topics in Psychology: Biological Bases for Mental Illness; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1124) — Coursey, R

PSYC310 Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1243) — Steinman, R

PSYC334 Psychology of Interpersonal Relationships; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1236) — Brown, R

PSYC337 Introduction to Community Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1243) — Steele, R

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1240) — Gelso, C

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 plus 3 credits in psychology or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) — Helms, J
0201 TuTh.....12:30pm- 1:45pm (SYM 0200) — Redman, D

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433. — 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1243) — Hall, W
0201 TuTh.....3:30pm- 4:45pm (ZOP 1250) — Ellison, C

PSYC357 Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) — Johnson, J

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1250) — STAFF

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF....10:00am-10:50am (ZOP 4102) LAB
0102 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF.....9:00am- 9:50am (ZOP 4102) LAB
0103 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF....12:00pm-12:50pm (ZOP 4102) LAB
0104 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB
0105 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB
0106 TuTh.....11:00am-11:50am (ZOP 1250) — Gollub, L
MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410. All others must obtain permission in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 1228) — Sternheim, C
F.....9:00am-11:00am (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 1228) — Sternheim, C
F.....1:00pm- 3:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1107. Department approval is required after first week of classes. Waitlist is discontinued after the first week of classes. — 4 credits
0101 M.....2:00pm- 4:00pm (ZOP 2283) — Sigall, H
WF.....1:00pm- 3:00pm (ZOP 0147) LAB
0102 M.....2:00pm- 4:00pm (ZOP 2283) — Sigall, H
WF.....3:00pm- 5:00pm (ZOP 0147) LAB
0103 M.....2:00pm- 4:00pm (ZOP 2283) — Sigall, H
TuTh.....1:00pm- 3:00pm (ZOP 0147) LAB
0104 M.....2:00pm- 4:00pm (ZOP 2283) — Sigall, H
TuTh.....3:00pm- 5:00pm (ZOP 0147) LAB
0201 TuTh.....2:00pm- 2:50pm (ZOP 1236) — Stangor, C
WF.....9:00am-11:00am (ZOP 0147) LAB
0202 TuTh.....2:00pm- 2:50pm (ZOP 1236) — Stangor, C
WF.....11:00am- 1:00pm (ZOP 0147) LAB
0203 TuTh.....2:00pm- 2:50pm (ZOP 1236) — Stangor, C
TuTh.....9:00am-11:00am (ZOP 0147) LAB
0204 TuTh.....2:00pm- 2:50pm (ZOP 1236) — Stangor, C
TuTh.....11:00am- 1:00pm (ZOP 0147) LAB

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 221 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) — Mills, J

PSYC433 Analysis of Helping Relationships; Grade Method: REG. Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432]. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 2109) — Hill, C

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and PSYC 200 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) — Dies, R

PSYC436 Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 2283) — Alexander, P

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after the first week of classes. — 4 credits
0101 MW.....10:00am-10:50am (ZOP 1236) — Plude, D
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....10:00am-10:50am (ZOP 1236) — Plude, D
W.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC457 Cultural Context of Psychological Development; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PSYC 355, or PSYC 356, or PSYC 357,] or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) — Johnson, J

PSYC458 Applied Developmental Psychology; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) — Scholnick, E

PSYC460 Psychological Foundations of Personnel Selection and Training; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 2283) — Hanges, P

PSYC464 Psychology of Leaders in Work Organizations; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 361 or equivalent. — 3 credits
0101 Tu.....4:00pm- 7:00pm (ZOP 2283) — Klein, K

PSYC466 Environmental and Ecological Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1238) — Trickett, E

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. — 1-3 credits

PSYC498H Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (ZOP 1234) — Steinman, R

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107.

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above. — 3 credits

PSYC602 Quantitative Methods II; Grade Method: REG/AUD. Prerequisite: PSYC 200 and PSYC 601 or equivalent. — 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) — Norman, K

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD. PSYC majors only. — 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 1103) — Scholnick, E
Time and room to be arranged LAB

PSYC660 Human Biopsychology; Grade Method: REG/AUD. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 1103) — Brauth, S
Time and room to be arranged DIS

PSYC661 Experimental Analysis of Behavior; Grade Method: REG/AUD. — 3 credits
0101 W.....12:30pm- 3:00pm (ZOP 1103) — Gollub, L
Time and room to be arranged DIS

PSYC671 Advanced Topics in Human Learning and Cognitive Psychology; Grade Method: REG/AUD. PSYC majors only. — 3 credits
0101 F.....10:00am- 1:00pm (ZOP 1103) — Horton, D

PSYC678 Seminar in Psycholinguistics; Grade Method: REG/AUD. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1103) — Hall, W

PSYC688 Historical Viewpoints and Current Theories in Psychology; Grade Method: REG/AUD. — 3 credits
0101 W.....9:00am-12:00pm (ZOP 1103) — Fassinger, R

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged — Gelso, C
Time and room to be arranged DIS
0201 Time and room to be arranged — Trickett, E
Time and room to be arranged DIS

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. PSYC majors only. — 3 credits
0101 Tu.....12:00pm- 3:30pm (ZOP 1103) — Allen, L
Time and room to be arranged DIS
0201 W.....1:00pm- 4:00pm (ZOP 2109) — Alexander, P
0301 M.....1:00pm- 3:00pm (ZOP 1103) — Helms, J
Time and room to be arranged DIS

PSYC722 Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD. Prerequisite: permission of department. Corequisite: PSYC 721. — 2 credits
0101 Th.....1:00pm- 3:00pm (ZOP 1103) — Fretz, B

PSYC723 Assessment Issues in Clinical/Community Psychology II; Grade Method: REG/AUD. Prerequisite: permission of department. PSYC majors only. — 2 credits
0101 M.....9:00am-12:00pm (ZOP 2109) DIS — Dies, R

PSYC724 Assessment Issues in Clinical/Community Psychology II; Grade Method: REG/AUD. Prerequisite: permission of department. PSYC majors only. — 2 credits
0101 W.....9:00am-12:00pm (Arranged) — Steele, R

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. PSYC majors only. — 3 credits
0101 W.....1:00pm- 4:00pm (Arranged) — Coursey, R
0201 Th.....9:00am- 1:00pm (ZOP 1103) — Brown, R

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. PSYC majors only. — 3 credits
0201 M.....5:00pm- 9:00pm (Arranged) — Hill, C
W.....1:00pm- 3:00pm (Arranged)
0301 Tu.....9:00am-11:30am (ZOP 1103) — Lorion, R

PSYC735 Seminar in Human Performance Theory; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....1:00pm- 4:00pm (ZOP 2109) — Norman, K

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 1112) — Guzzo, R
0201 Tu.....12:30pm- 3:00pm (ZOP 1112) — Guzzo, R
0301 W.....12:30pm- 3:00pm (ZOP 1112) — Klein, K

PSYC742 Group Behavior; Grade Method: REG/AUD. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 3132) — Stangor, C

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 3132) — Mills, J

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD. PSYC majors only. — 1-3 credits
0101 M.....4:00pm- 6:40pm (ZOP 3132) — Sigall, H

PSYC753 The Psychology of Adult Development and Aging; Grade Method: REG/AUD. Prerequisite: PSYC 611. — 3 credits
0101 M.....3:00pm- 5:30pm (ZOP 1112) — Plude, D

PSYC758 Seminar in Auditory Mechanisms; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:00pm (ZOP 1112) — Penner, M

PSYC789 Special Research Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD. — 2 credits
0101 Tu.....2:00pm- 4:00pm (ZOP 2109) — Fretz, B

PSYC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. — 1-6 credits

PSYC889 Research Methods in Psychology; Grade Method: REG/AUD. PSYC majors only. — 1-3 credits
0101 M.....4:00pm- 5:30pm (ZOP 1103) — Hanges, P
Time and room to be arranged DIS
0201 W.....3:00pm- 5:00pm (ZOP 1112) — Horton, D
Time and room to be arranged DIS
0301 Time and room to be arranged — Fretz, B

PSYC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction — 1-8 credits

course: contact department or instructor to obtain section number.

PUAF Public Affairs (Public Affairs)

PUAF600 Managerial Accounting; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisite: permission of department.
0101 Th.....7:00pm- 9:30pm (LEF 1222) STAFF

PUAF611 Quantitative Analysis of Policy Issues; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department.
0101 Tu.....9:00am-11:45am (DNC 1147A) Cohen, M
Th.....9:00am-11:45am (CHE 2120)

PUAF620 Political Analysis; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: permission of department.
0201 W.....4:00pm- 6:30pm (LEF 1221) Schick, A

PUAF640 Microeconomic Theory and Policy Analysis; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department. Section 0401 will be taught at the EPA.
0201 Th.....4:00pm- 6:30pm (TLF 2110) Badgett, L
0401 Time and room to be arranged Levy, F

PUAF641 Macroeconomic Theory and Policy Analysis; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department.
0101 M.....7:00pm- 9:30pm (KEY 0124) Marquez, J

PUAF650 Normative Analysis; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: permission of department. Section 0301 will be taught at the EPA.
0101 MW.....9:00am-10:15am (LEF 1208) Brown, P
0301 Time and room to be arranged Brown, P

PUAF660 Policy Workshop; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: permission of department.
0101 M.....1:30pm- 4:00pm (ARM 0120) STAFF

PUAF670 Finance; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: permission of department.
0101 MW.....10:30am-11:45am (LEF 1208) Slater, S

PUAF698A Selected Topics in Public Affairs: Public 3 credits
(PermReq) Resources Allocations; Grade Method: REG/AUD.
0101 W.....4:00pm- 6:30pm (LEF 1208) Young, H

PUAF698C Selected Topics in Public Affairs: The 3 credits
(PermReq) Science and Policy of Water Quality; Grade Method: REG/AUD.
0101 Th.....4:00pm- 6:30pm (KEY 0119) Hedman, S

PUAF698D Selected Topics in Public Affairs: 3 credits
(PermReq) Conflict, Cooperation and Strategy; Grade Method: REG/AUD.
0101 Tu.....4:00pm- 6:30pm (JRN 1104) Schelling, T

PUAF698E Selected Topics in Public Affairs: Health 3 credits
(PermReq) Care Welfare and Affirmative Action; Grade Method: REG/AUD.
0101 W.....1:30pm- 4:00pm (LEF 1210) Galston, W

PUAF698F Selected Topics in Public Affairs: Housing 3 credits
(PermReq) Policy; Grade Method: REG/AUD. Course taught in Annapolis, Md..
0101 Th.....9:30am-12:00pm (Arranged) Slater, S

PUAF698P Selected Topics in Public Affairs: 3 credits
(PermReq) Introduction to Social Policy; Grade Method: REG/AUD.
0101 W.....7:00pm- 9:30pm (LEF 1201) Ards, S

PUAF698X Selected Topics in Public Affairs: Public 3 credits
(PermReq) Sector Finance; Grade Method: REG/AUD.
0101 W.....1:30pm- 4:00pm (LEF 2166) Slater, S

PUAF702 Regulatory Analysis; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisite: permission of department.
0101 W.....1:30pm- 4:00pm (LEF 1208) Crandell, R

PUAF703 Labor Market and Regional Economic Policy; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisites: [PUAF 640; and PUAF 610; and PUAF 611] and permission of department.
0101 W.....4:00pm- 6:30pm (LEF 1220) Badgett, L

PUAF704 Productivity and Innovation; Grade Method: 3 credits
(PermReq) REG/AUD. Prerequisite: permission of department.
0101 M.....4:00pm- 6:30pm (ZOP 1232) Baily, M

PUAF711 Management Strategies in Public 3 credits
(PermReq) Organizations; Grade Method: REG/AUD. Prerequisite: permission of department.
0101 M.....4:00pm- 6:30pm (KEY 0125) Nacht, M

PUAF716 State and Local Government Budgeting; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department.
0101 M.....7:00pm- 9:30pm (TYD 2140) Rogers, J

PUAF717 Federal Budgeting: Policy and Process; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: PUAF 757 or PUAF 717.
0101 Th.....4:00pm- 6:30pm (JMZ 3203) Schick, A

PUAF721 The Structure of Defense Decision Making; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: PUAF 720 and permission of department. Course will be taught at the Exexutive Building.
0101 Tu.....7:00pm- 9:45pm (Arranged) Kelleher, C

PUAF725 Science, Technology and National Security; 3 credits
(PermReq) Grade Method: REG/AUD. Prerequisite: permission of department.
0101 Th.....1:30pm- 4:00pm (HBK 0115) Fetter, S

PUAF726 Managing Alliance Relations I; Grade 3 credits
(PermReq) Method: REG/AUD. Prerequisite: majors and permission of department. Course will be taught at the Executive Building.
0101 Th.....4:00pm- 6:30pm (Arranged) Kelleher, C

PUAF740 Public Policy and the Environment; Grade 3 credits
(PermReq) Method: REG/AUD. Prerequisite: permission of department.
0101 Th.....1:30pm- 4:00pm (HBK 1108) Hedman, S

PUAF754 Operations Research Methods for Policy 3 credits
(PermReq) Analysts; Grade Method: REG/AUD. Prerequisites: PUAF 610; and PUAF 611; and permission of department.
0101 Tu.....9:00am-11:45am (DNC 1147A) Cohen, M
Th.....9:00am-11:45am (EDU 3233)

PUAF780 The American Foreign Policy-Making 3 credits
(PermReq) Process; Grade Method: REG/AUD. Prerequisite: permission of department.
0101 TuTh.....10:45am-12:15pm (LEF 2123) Destler, I

PUAF790 Project Course; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: permission of department.
0101 Time and room to be arranged Destler, I
0201 Time and room to be arranged Fetter, S
0301 Time and room to be arranged Rogers, J
0401 Time and room to be arranged Brown, P
0501 Time and room to be arranged Levy, F

PUAF798B Readings in Public Policy; Grade Method: 1-3 credits
(PermReq) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PUAF899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

RECR Recreation (Hlth & Human Performance)

RECR130 Recreation and Leisure; Grade Method: 3 credits
REG/P-F/AUD. USP Distributive Studies Area D Course. All recreation majors enrolled in RECR 130 MUST enroll for RECR 489R at the same time.
0101 TuTh.....9:30am-10:45am (HHP 1301) Stubbs, R

RECR150 Camp Counseling; Grade Method: 2 credits
REG/P-F/AUD. Meets second eight weeks of term only. Schedule Adjustment Period is 3/13 - 3/19. $35.00 lab fee for field-based camping laboratory.
0101 Meets 03/13/91 - 05/13/91 Ketterer, A
MW.....1:00pm- 1:50pm (HHP 0307)
F.....1:00pm- 3:00pm (HHP 0307) LAB

RECR200 Sophomore Seminar; Grade Method: S-F. 1 credit
(PermReq) Prerequisite: permission of department.
0101 M.....12:00pm-12:50pm (HHP 0303) Verhoven Jr., P

RECR270 Leisure Services and Special Populations; 3 credits
Grade Method: REG/P-F/AUD.
0101 TuTh.....11:00am-12:15pm (HHP 0306) Francis, T

RECR300 Senior Seminar; Grade Method: REG. 1 credit
(PermReq) Prerequisite: permission of department.
0101 Tu.....12:30pm- 1:45pm (HHP 0303) DIS Annand, V

RECR335 Recreation and Leisure; Grade Method: 3 credits
REG/P-F/AUD.
0101 TuTh.....2:00pm- 3:15pm (HHP 1301) STAFF

RECR341 Field Work II; Grade Method: REG. 8 credits
(PermReq) Prerequisites: RECR 300; and permission of department.
0101 M.....5:30pm- 6:45pm (HHP 1302) LAB Annand, V
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade 3 credits
Method: REG/P-F/AUD.
0101 MWF.....9:00am- 9:50am (HHP 0307) Kuss, F

RECR376 Case Study Laboratory; Grade Method: 1 credit
REG/P-F/AUD. Pre- or corequisite: RECR 375.
0101 W.....3:00pm- 3:50pm (HHP 1301) LAB STAFF

RECR386 Field Work; Grade Method: REG. Individual 1-3 credits
(PermReq) Instruction course: contact department or instructor to obtain section number. Corequisite: RECR 387. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester.

RECR387 Field Work Analysis; Grade Method: REG. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Corequisite: RECR 386. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester.

RECR410 Measurement and Evaluation in Recreation; 3 credits
Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or permission of department. At least 56 credits earned.
0101 Th.....4:00pm- 6:30pm (HHP 0302) Drogin, E

RECR420 Program Planning and Analysis; Grade 3 credits
Method: REG/P-F/AUD. Prerequisite: RECR 130; or RECR 325. Recommended: RECR 220.
0101 TuTh.....9:30am-10:45am (HHP 0306) Strobell, A

RECR432 Philosophy of Recreation; Grade Method: 3 credits
REG/P-F/AUD. At least 56 credits earned.
0101 MWF.....10:00am-10:50am (HHP 1302) Churchill, J

RECR450 Camp Management; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: RECR 150; or permission of department.
0101 TuTh.....12:30pm- 1:45pm (HHP 0306) Verhoven Jr., P

RECR457 Concepts and Issues in Outdoor Recreation; 3 credits
Grade Method: REG/P-F/AUD.
0101 M.....4:00pm- 6:30pm (HHP 0306) Kuss, F

RECR460 Leadership Techniques and Practices; Grade 3 credits
Method: REG/P-F/AUD. Prerequisite: RECR 130. At least 56 credits earned.
0101 W.....7:00pm- 9:30pm (HHP 1301) Patrick, G

RECR463 Supervisory Techniques in Recreation; 3 credits
Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or RECR 325; or RECR 335.
0101 Tu.....4:00pm- 6:30pm (HHP 0302) Strobell, A

RECR475 Problems in Therapeutic Recreation; Grade 3 credits
Method: REG/P-F/AUD. Prerequisite: RECR 375.
0101 W.....4:00pm- 6:30pm (HHP 0305) Humphrey, F

RECR489 Field Laboratory Projects and Workshop; 1-6 credits
(PermReq) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration.

RECR489R Field Laboratory Projects and Workshop: 1 credit
(PermReq) Orientation to Leisure Services; Grade Method: REG. Limited to recreation majors. Must enroll for RECR 130 at the same time.
0101 W.....3:00pm- 3:50pm (HHP 0301) Churchill, J

RECR490 Organization and Administration of 3 credits
Recreation; Grade Method: REG/P-F/AUD. At least 56 credits earned.
0101 MWF.....11:00am-11:50am (HHP 1303) Churchill, J

RECR495 Recreation Resource and Facility Planning 3 credits
I; Grade Method: REG/P-F/AUD.
0101 M.....4:15pm- 6:45pm (HHP 1312) Gilchrist, J

RECR498C Special Topics in Recreation: Sign 3 credits
Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD.
0101 Tu.....4:00pm- 6:30pm (HHP 0306) Oliva, G

RECR498Y Special Topics in Recreation: Computer 3 credits
Applications in Leisure Services; Grade Method: REG/P-F/AUD.
0101 M.....7:00pm- 9:30pm (HHP 1304) Drogin, E

RECR613 Source Material Survey; Grade Method: 3 credits
REG/AUD.
0101 W.....4:00pm- 6:30pm (HHP 0303) Humphrey, F

RECR633 Foundations of Recreation; Grade Method: 3 credits
REG/AUD. Prerequisite: permission of department. Required for all entering graduate students.
0101 Th.....4:00pm- 6:30pm (HHP 0307) Strobell, A

RECR634 Modern Trends in Recreation; Grade Method: 3 credits
REG/AUD.
0101 Th.....7:00pm- 9:30pm (HHP 0307) Mangum, B

RECR687 Advanced Seminar; Grade Method: REG/AUD. 1-3 credits
(PermReq) Prerequisite: permission of department. Repeatable to 3 credits.
0101 Tu.....7:00pm- 9:30pm (HHP 0303) Verhoven Jr., P

RECR688 Special Problems in Recreation; Grade 1-6 credits
(PermReq) Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration.

RECR688Q Special Problems in Recreation: Advanced 3 credits
Social Psychology of Leisure; Grade Method: REG/AUD.
0101 M.....4:00pm- 6:30pm (HHP 0305) Iso-Ahola, S

RECR799 Master's Thesis Research; Grade Method: 1-6 credits
REG. Individual Instruction course: contact department or instructor to obtain section number.

RECR899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

RTVF Radio Television and Film (Arts and Humanities)

RTVF124 Mass Communication in 20th Century 3 credits
Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course.
0101 MWF.....9:00am- 9:50am (TWS 2154) DeGraff, J

RTVF222 Introduction to Radio, Television, and 3 credits
Film; Grade Method: REG/AUD.
0101 MW.....1:00pm- 2:30pm (TWS 2154) Megwa, E
0201 TuTh.....2:00pm- 3:30pm (TWS 2154) Aylward, T
RTVF 222 and RTVF 223 (grades of 'C' or better) are prerequisites prior to enrollment in upper level broadcasting courses. RTVF 222 and RTVF 314 (grades of 'C' or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent prior to enrollment in any upper level RTVF course. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF223 The Television Program: Planning and 3 credits
Management; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 222.
0101 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....11:00am-12:15pm (TWS 0138) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....11:00am-12:15pm (TWS 0138) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....12:30pm- 1:45pm (TWS 0131) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....2:00pm- 3:15pm (TWS 0131) LAB

RTVF302 Beginning Sound Production; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Prerequisite: RTVF 223. Majors only.
0101 M.....1:00pm- 1:50pm (TWS 0138) Widomski, M
MW.....11:00am-12:30pm (TWS 0131) LAB
0102 M.....1:00pm- 1:50pm (TWS 0138) Widomski, M
MW.....2:00pm- 3:30pm (TWS 0131) LAB

RTVF314 Introduction to the Film; Grade Method: 3 credits
REG/P-F/AUD. USP Distributive Studies Area C Course. RTVF 314 required for all additional upper level film courses.
0101 Tu.....11:00am- 2:00pm (TWS 2154) Kolker, R
Th.....11:00am- 1:00pm (TWS 2154)
0201 M.....3:00pm- 5:30pm (TWS 2154) Mashon, K
W.....3:00pm- 5:00pm (TWS 2154)

RTVF317 Introduction to Writing For Radio, 3 credits
(PermReq) Television, Film; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 222. Majors only.
0101 MWF.....2:00pm- 2:50pm (TWS 0138) Niven, H
0201 MWF.....1:00pm- 1:50pm (TWS 0135) Niven, H
0301 TuTh.....9:30am-10:45am (TWS 0131) Coustaut, C

RTVF333 Television and Children; Grade Method: 3 credits
(PermReq) REG/P-F/AUD.
0101 MWF.....11:00am-11:50am (TWS 0147) Parks, S

RTVF340 Principles of Television Production 3 credits
(PermReq) Techniques; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 223 and permission of department. Majors only.
0101 W.....12:00pm-12:50pm (TWS 2154) Lancaster, D
MW.....9:00am-10:50am (TWS 0117) LAB
0102 W.....12:00pm-12:50pm (TWS 2154) Lancaster, D
TuTh.....9:00am-10:50am (TWS 0117) LAB
0104 W.....12:00pm-12:50pm (TWS 2154) Lancaster, D
MW.....2:00pm- 3:50pm (TWS 0117) LAB

RTVF351 Television Programming; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Prerequisite: RTVF 223. Majors only.
0101 TuTh.....12:30pm- 1:45pm (TWS 0138) Blum, R

RTVF357 Film Production II, Cinematography; Grade 3 credits
(PermReq) Method: REG/P-F. Prerequisites: RTVF 356 and permission of department.
0101 TuTh.....11:00am- 1:00pm (TWS 2218) Coustaut, C

RTVF384 Field Work Experience; Grade Method: S-F. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration. Grading satisfactory/fail only.

RTVF385 Field Work Analysis; Grade Method: REG. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration.

RTVF413 The History of the Film; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Recommended: RTVF 314. Majors only.
0101 Tu.....3:30pm- 5:30pm (TWS 0147) Gomery, J
Th.....3:30pm- 6:30pm (TWS 2154) LAB

RTVF419V Film Genres: Vietnam in Film and 3 credits
(PermReq) Television; Grade Method: REG/P-F/AUD.
0101 Tu.....6:00pm- 8:00pm (TWS 2154) Miller, D
Th.....6:30pm- 8:30pm (TWS 2154)

RTVF420 The Documentary Film; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Majors only.
0101 TuTh.....9:30am-10:45am (TWS 0147) Weiss, G

RTVF427 Screenwriting for TV and Film II; Grade 3 credits
(PermReq) Method: REG. Prerequisites: RTVF 417 or equivalent; and permission of department.
0101 Th.....4:00pm- 6:50pm (TWS 0131) Blum, R

RTVF440 Television Direction; Grade Method: 3 credits
(PermReq) REG/P-F/AUD. Prerequisites: RTVF 340 and permission of department.
0101 TuTh.....2:00pm- 4:45pm (TWS 0117) Miller, D

RTVF449 Television Workshop; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only.

RTVF449V Television Workshop: Electronic Editing; 3 credits
(PermReq) Grade Method: REG/P-F/AUD.
0101 MWF.....9:00am- 9:50am (TWS 0147) Daso, D

RTVF452 International and Comparative Broadcasting 3 credits
(PermReq) Systems; Grade Method: REG/P-F/AUD.
0101 TuTh.....2:00pm- 3:15pm (TWS 0147) Ferguson, M

RTVF456 Structure and Criticism of TV Advertising; 3 credits
Grade Method: REG/P-F/AUD. Prerequisites: RTVF 222; and RTVF 223; and RTVF 317. Majors only.
0101 MWF.....2:00pm- 2:50pm (TWS 0147) Robinson, E

RTVF498A Seminar; Grade Method: REG/P-F/AUD. 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only.

RTVF498M Seminar: Media/Culture/Celebrity; Grade 3 credits
(PermReq) Method: REG/P-F/AUD.
0101 MWF.....1:00pm- 1:50pm (TWS 0147) Robinson, E

RTVF498P Seminar: Directors of Photography; Grade 3 credits
Method: REG/P-F/AUD.
0101 Th.....2:00pm- 4:00pm (TWS 0154) Weiss, G

RTVF601 Visual Communication; Grade Method: 3 credits
REG/AUD.
0101 Th.....4:00pm- 6:45pm (TWS 0154) Aylward, T

RTVF627 Screenwriting II; Grade Method: REG. 3 credits
(PermReq) Prerequisites: RTVF 617 or equivalent; and permission of instructor.
0101 Th.....4:00pm- 6:50pm (TWS 0131) Blum, R

RTVF628C Seminar in Film: The American Film 3 credits
Industry: Economic and Social Theories; Grade Method: REG/AUD.
0101 Tu.....1:00pm- 3:30pm (TWS 0154) Gomery, D

RTVF629P Special Problems in Film: Directors of 3 credits
Photography; Grade Method: REG/AUD.
0101 Th.....2:00pm- 4:00pm (TWS 0154) Weiss, G

RTVF648D Seminar in Broadcasting: Broadcast Media 3 credits
and Comparative Political Communication; Grade Method: REG/AUD.
0101 Tu.....6:30pm- 8:30pm (TWS 0154) Ferguson, M
Time and room to be arranged LAB

RTVF649A Special Problems in Broadcasting: Minority 3 credits
Topics and Western Popular Culture; Grade Method: REG/AUD.

0101 M.....4:00pm- 7:00pm (TWS 0154) Parks, S

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 1-3 credits

RTVF799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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RUSS Russian (Arts and Humanities)

RUSS102 Elementary Russian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: RUSS 101. Not open to native speakers of Russian. Course chairman: C. Martin 5 credits

0101 MTuWThF....8:00am- 8:50am (JMZ 3205) STAFF
M.....10:00am-10:50am (COL 3110) LAB
0102 MTuWThF....9:00am- 9:50am (COL 3114) STAFF
M.....10:00am-10:50am (COL 3110) LAB
0201 MTuWThF...10:00am-10:50am (ARM 0102) STAFF
M.....12:00pm-12:50pm (COL 3110) LAB
0202 MTuWThF...11:00am-11:50am (ARM 0102) STAFF
M.....12:00pm-12:50pm (COL 3110) LAB

RUSS202 Intermediate Russian II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 201. Not open to native speakers of Russian. Course chairman: C. Martin. 4 credits

0101 MTuWThF....9:00am- 9:50am (JMZ 3203) STAFF
0201 MWF.....10:00am-10:50am (JMZ 3203) STAFF
TuTh.....10:00am-10:50am (JMZ 3203)
0301 MTuWThF...11:00am-11:50am (JMZ 3205) STAFF

RUSS211 Applied Russian Phonetics; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 102. Not open to native speakers of Russian. 3 credits

0101 M.....5:00pm- 7:30pm (JMZ 1120) Glad, J

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Not open to native speakers of Russian. 3 credits

0101 TuTh.....2:00pm- 3:15pm (JMZ 3205) Berry, T

RUSS302 Advanced Russian Grammar and Composition II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 301. Taught by G. Sergushenkova. 3 credits

0101 MWF.....11:00am-11:50am (ARM 0103) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 1104) Lekic, M

RUSS322 Survey of Russian Literature II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 321 or equivalent. 3 credits

0101 TuTh.....2:00pm- 3:15pm (JMZ 1109) Martin, C

RUSS329 Soviet Literature in Translation; Grade Method: REG/P-F/AUD. 3 credits

0101 TuTh.....11:00am-12:15pm (JMZ 2117) Lekic, M

RUSS402 Practicum in Written Russian; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 401 or equivalent. 3 credits

0101 MWF.....2:00pm- 2:50pm (JMZ 3207) Hitchcock, D

RUSS404 Practicum in Spoken Russian; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 403 or equivalent. 3 credits

0101 MWF.....3:00pm- 3:50pm (JMZ 3207) STAFF

RUSS409C Selected Topics in Russian Language Study: Business Russian; Grade Method: REG/P-F/AUD. 3 credits

0101 TuTh.....11:00am-12:15pm (JMZ 3207) Berry, T

RUSS412 Linguistic Analysis of Russian II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 411. Taught by Volkova Rossudova. 3 credits

0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) STAFF

RUSS433 Russian Literature of the 20th Century; Grade Method: REG/P-F/AUD. 3 credits

0101 W.....5:00pm- 7:30pm (JMZ 1117) Glad, J

RUSS613 Problems in Russian Semantics; Grade Method: REG/AUD. Prerequisite: RUSS 412 or permission of department. 3 credits

0101 Time and room to be arranged Brecht, R

RUSS619 Seminar in Linguistic Analysis of Russian; Grade Method: REG/AUD. Taught by Volkova Rossudova. 3 credits

0101 Time and room to be arranged STAFF

RUSS798 Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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SLAV Slavic (Arts and Humanities)

SLAV475 Old Church Slavonic; Grade Method: REG/P-F/AUD. 3 credits

0101 MWF.....12:00pm-12:50pm (JMZ 3207) Hitchcock, D

SLAV499 Directed Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Serves as a prerequisite for other sociology courses. 3 credits

0101 MWF.....9:00am- 9:50am (COL 3109) STAFF
0201 MWF.....10:00am-10:50am (ASY 1213) LeMoyne, T
0301 MWF.....11:00am-11:50am (COL 3109) Voyadzis, C
0401 TuTh.....9:30am-10:45am (ASY 3207) Hirzel, R
0501 TuTh.....9:30am-10:45am (ASY 1213) Hunt, L
0601 TuTh.....2:00pm- 3:15pm (ASY 3207) Rankin, B
0701 MWF.....1:00pm- 1:50pm (ASY 1213) Kammeyer, K

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Serves as prerequisite for other SOCY courses. 3 credits

0101 MWF.....9:00am- 9:50am (ASY 3207) Hunt, J
0201 MWF.....10:00am-10:50am (ASY 3207) Zamani-Moghadam
0301 MWF.....12:00pm-12:50pm (ASY 1213) Formichella, C
0501 TuTh.....11:00am-12:15pm (EDU 0212) Finsterbusch, K
0601 MWF.....2:00pm- 2:50pm (ASY 3211) Formichella, C

SOCY201 Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: SOCY 100 or SOCY 105 and MATH 110 or equivalent. 4 credits

0101 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....8:00am-10:00am (ASY 3217) DIS
0102 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....10:00am-12:00pm (ASY 3217) DIS
0103 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....12:00pm- 2:00pm (ASY 3217) DIS
0104 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....2:00pm- 4:00pm (ASY 3217) DIS
0105 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....4:00pm- 6:00pm (ASY 3217) DIS
0201 TuTh.....2:00pm- 3:15pm (ASY 2309) Neustadtl, A
W.....8:00am-10:00am (ASY 3217) DIS
0202 TuTh.....2:00pm- 3:15pm (ASY 2309) Neustadtl, A
W.....10:00am-12:00pm (ASY 3217) DIS
0203 TuTh.....2:00pm- 3:15pm (ASY 2309) Neustadtl, A
W.....12:00pm- 2:00pm (ASY 3217) DIS
0204 TuTh.....2:00pm- 3:15pm (ASY 2309) Neustadtl, A
W.....2:00pm- 4:00pm (ASY 3217) DIS
0205 TuTh.....2:00pm- 3:15pm (ASY 2309) Neustadtl, A
W.....4:00pm- 6:00pm (ASY 3217) DIS

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 201. 4 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 2203) Henkel, R
M.....8:00am-10:00am (ASY 3221) DIS
0102 TuTh.....12:30pm- 1:45pm (ASY 2203) Henkel, R
M.....10:00am-12:00pm (ASY 3219) DIS
0103 TuTh.....12:30pm- 1:45pm (ASY 2203) Henkel, R
M.....12:00pm- 2:00pm (ASY 3221) DIS
0201 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....8:00am-10:00am (ASY 3217) DIS
0202 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....10:00am-12:00pm (ASY 3217) DIS
0203 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....12:00pm- 2:00pm (ASY 3217) DIS

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. Required for all SOCY majors. 3 credits

0101 MWF.....11:00am-11:50am (ASY 1213) Meeker, B

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. No prerequisites. 3 credits

0101 TuTh.....11:00am-12:15pm (COL 3109) Hamilton, L
0201 MWF.....2:00pm- 2:50pm (ASY 3207) Sullivan, R

SOCY241 Inequality in American Society; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SOCY 241 or SOCY 441. Formerly SOCY 341. 3 credits

0101 TuTh.....9:30am-10:45am (ASY 3203) Pease, J

SOCY300 American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Fulfills upper level area B General University Requirement. Junior standing required; no other prerequisites. 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 1213) Hunt, L

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 100 or SOCY 300. 3 credits

0101 TuTh.....2:00pm- 3:15pm (ASY 1213) Finsterbusch, K

SOCY325 Sex Roles; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 MWF.....1:00pm- 1:50pm (ARC 1105) Durand, D
0201 TuTh.....11:00am-12:15pm (ASY 3207) McIntyre, J
0301 TuTh.....2:00pm- 3:15pm (ASY 3203) Bakhshai, F

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: SOCY 100 or SOCY 105. Not open to students who have completed SOCY 427. Area B upper level GUR credit. 3 credits

0101 MWF.....10:00am-10:50am (ASY 3203) Baxter, S
0201 MWF.....12:00pm-12:50pm (ASY 3207) Baxter, S

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SOCY 387. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SOCY 386. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. 1-3 credits

SOCY398C Special Topics in Sociology: Introduction to Computers for Social Scientists; Grade Method: REG/P-F/AUD. 1 credit

0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M
0201 Tu.....3:00pm- 4:30pm (ASY 1116) Teachman, J

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY402 Intermediate Procedures For Data Collection; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 202 or equivalent or permission of department. 3 credits

0101 MW.....3:30pm- 4:45pm (ASY 3207) Presser, S

SOCY410 Population I; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: junior standing; SOCY 100 or SOCY 105 not required. 3 credits

0101 MWF.....11:00am-11:50am (ASY 3207) Kammeyer, K

SOCY411 Population II; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 410 or permission of department. 3 credits

0101 TuTh.....11:00am-12:15pm (ASY 3221) Kahn, J

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 327 or 12 credits in sociology or permission of department. 3 credits

0101 TuTh.....2:00pm- 3:15pm (ASY 2203) McIntyre, J

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. 3 credits

0101 TuTh.....3:30pm- 4:45pm (ASY 3207) Dager, E

SOCY431 Formal and Complex Organizations; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 331 or permission of department. 3 credits

0101 MW.....3:30pm- 4:45pm (ASY 1213) Hage, J

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441. 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 3221) Pease, J
0201 MWF.....1:00pm- 1:50pm (ASY 3207) Landry, L

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 343 or permission of department. 3 credits

0201 MWF.....11:00am-11:50am (ASY 3203) Harper, G

SOCY447 Small Group Analysis; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105 or SOCY 201 (sociological statistics) or equivalent. 3 credits

0101 MWF.....2:00pm- 2:50pm (ASY 3203) Meeker, B

SOCY460 Sociology of Work; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 331 or permission of department. 3 credits

0101 TuTh.....3:30pm- 4:45pm (ASY 1213) Ritzer, G

SOCY474 Soviet Ethnic Issues; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 TuTh.....3:30pm- 4:45pm (ASY 3203) Robinson, J

SOCY498B Selected Topics in Sociology: Sociology of Mental Health; Grade Method: REG/P-F/AUD. 3 credits

0101 TuTh.....12:30pm- 1:45pm (ASY 3203) Dager, E

SOCY498P Selected Topics in Sociology: Public Opinion: Poling and Policy; Grade Method: REG/P-F/AUD. 3 credits

0101 W.....3:00pm- 6:10pm (ASY 3221) Robinson, J

SOCY602 Intermediate Procedures of Data Analysis; Grade Method: REG/AUD. Prerequisite: undergraduate training in sociology research methods, statistics, and and theory of equivalent. 3 credits

0101 Tu.....6:30pm- 9:00pm (ASY 3219) Teachman, J

SOCY607 Research Methods: Data Archives; Grade Method: REG/AUD. Prerequisite: SOCY 401 or equivalent or permission of instructor. 3 credits

0101 M.....3:30pm- 6:10pm (ASY 1117) Vanneman, R

SOCY618 Computer Methods for Sociologists; Grade Method: REG/AUD. 3 credits

0101 W.....1:00pm- 3:30pm (ASY 1117) Henkel, R

SOCY621 Contemporary Sociological Theory; Grade Method: REG/AUD. Prerequisite: SOCY 203 or equivalent or permission of instructor. 3 credits

0101 W.....3:30pm- 6:00pm (ASY 1117) Falk, W

SOCY624 Socialization Theory and Research; Grade Method: REG/AUD. 3 credits

0101 Th.....3:30pm- 6:10pm (ASY 1117) Hamilton, L

SOCY633 Sociology of Occupations and Professions; Grade Method: REG/AUD. 3 credits

0101 Th.....6:30pm- 9:10pm (ASY 4111) Ritzer, G

SOCY644 Work and the Family; Grade Method: REG/AUD. 3 credits

0101 Th.....3:30pm- 6:10pm (ASY 4111) Presser, H

SOCY645 Sociology of the Self Concept; Grade Method: REG/AUD. 3 credits

0101 Tu.....3:30pm- 6:10pm (ASY 1117) Rosenberg, M

SOCY661 Social Stratification; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits

0101 M.....6:30pm- 9:10pm (ASY 1117) Landry, L

SOCY665 Sex Stratification; Grade Method: REG/AUD. Prerequisite: permission of instructor. 3 credits

0101 W.....3:30pm- 6:10pm (ASY 4111) Hunt, J

SOCY699 Special Social Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SOCY699C Special Social Problems: Introduction to Computers for Social Science Majors; Grade Method: REG/AUD. 1 credit

0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M
0201 Tu.....3:00pm- 4:30pm (ASY 1116) Teachman, J

SOCY699D (PermReq) Special Social Problems: Military and the Life Course; Grade Method: REG/AUD. 3 credits

0101 Tu.....3:30pm- 6:10pm (ASY 3217) Teachman, J

SOCY699E Special Social Problems: Fertility; Grade Method: REG/AUD. 3 credits

0101 Tu.....?.3:30pm- 6:10pm (ASY 4111) Kahn, J

SOCY699I Special Social Problems: Development and Inequality; Grade Method: REG/AUD. 3 credits

0101 W.....6:30pm- 9:10pm (ASY 1117) Vanneman, R

SOCY701 Issues in the Integration of Theory and Method; Grade Method: REG/AUD. Prerequisite: SOCY 401 or equivalent and at least two of the following: SOCY 402, SOCY 604, SOCY 605, SOCY 606, SOCY 607, SOCY 609, SOCY 702 or permission of instructor. 3 credits

0101 M.....6:30pm- 9:10pm (ASY 4111) Hage, J

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Segal, M

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD. 1 credit

0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, 102, 102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Students must present their high school transcript on the first day of class to assure proper placement. Exceptions will be granted for students with 5 years' lapse in study. For advising assistance, come to JMZ 2202. 4 credits

0101 MTuWF.....8:00am- 8:50am (JMZ 1224) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 1224) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 1224) STAFF
0401 MTuWF.....11:00am-11:50am (JMZ 1224) STAFF
0501 MWF.....12:00pm-12:50pm (JMZ 1226) STAFF
Tu.....12:00pm-12:50pm (JMZ 1117)
0601 MTuWF.....12:00pm-12:50pm (JMZ 1224) STAFF
0701 MTuWF.....1:00pm- 1:50pm (JMZ 1226) STAFF
0801 MTuWF.....2:00pm- 2:50pm (JMZ 1224) STAFF
0901 MWF.....3:00pm- 3:50pm (JMZ 1120) STAFF
Tu.....3:00pm- 3:50pm (JMZ 0204)
1001 TuTh.....7:00pm- 9:00pm (JMZ 1215) STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101 MWThF.....8:00am- 8:50am (JMZ 0208) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0401 MWF.....11:00am-11:50am (JMZ 0208) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0501 MWF.....12:00pm-12:50pm (JMZ 0208) STAFF
Th.....12:00pm-12:50pm (JMZ 1224)
0601 MWF.....1:00pm- 1:50pm (JMZ 0208) STAFF
Th.....1:00pm- 1:50pm (JMZ 1120)
0701 MWF.....2:00pm- 2:50pm (JMZ 1226) STAFF
Th.....2:00pm- 2:50pm (JMZ 1103)
0801 MWF.....3:00pm- 3:50pm (JMZ 1103) STAFF
Th.....3:00pm- 3:50pm (JMZ 0208)
0901 MW.....7:00pm- 9:00pm (JMZ 2122) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who meet the requirements for 102 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 102. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101 MWThF.....9:00am- 9:50am (JMZ 1211) STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101 MWThF.....9:00am- 9:50am (JMZ 1117) STAFF
0201 Th.....10:00am-10:50am (JMZ 1117) STAFF
MWF.....10:00am-10:50am (JMZ 2207)

0301 MWF.....11:00am-11:50am (JMZ 1103) STAFF
Th.....11:00am-11:50am (JMZ 1226)
0401 MWThF.....12:00pm-12:50pm (JMZ 1117) STAFF
0501 MWThF.....1:00pm- 1:50pm (JMZ 1117) STAFF
0601 MWF.....2:00pm- 2:50pm (JMZ 1120) STAFF
Th.....2:00pm- 2:50pm (JMZ 1224)
0701 MWF.....3:00pm- 3:50pm (JMZ 1215) STAFF
Th.....3:00pm- 3:50pm (JMZ 0204)

SPAN124 Latin America Civilization; Grade Method: REG. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2206) Sanjines, J

SPAN125 Spanish Civilization: From Kingdoms to Nationalities; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C Course. — 3 credits
0101 MW.....4:00pm- 5:15pm (JMZ 0105) Naharro-Caldero

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits
0101 MWF.....8:00am- 8:50am (JMZ 1215) STAFF
Tu.....8:00am- 8:50am (JMZ 1215)
0201 MWF.....9:00am- 9:50am (JMZ 2207) STAFF
Tu.....9:00am- 9:50am (JMZ 1117)
0301 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0401 MWF.....10:00am-10:50am (JMZ 1120) STAFF
Tu.....10:00am-10:50am (JMZ 0103)
0501 MWF.....11:00am-11:50am (JMZ 1215) STAFF
Tu.....11:00am-11:50am (JMZ 1103)
0601 MTuWF.....11:00am-11:50am (JMZ 1117) STAFF
0701 MWF.....12:00pm-12:50pm (JMZ 1215) STAFF
Tu.....12:00pm-12:50pm (JMZ 1120)
0801 MWF.....12:00pm-12:50pm (JMZ 1103) STAFF
Tu.....12:00pm-12:50pm (JMZ 1226)
0901 MWF.....1:00pm- 1:50pm (JMZ 1215) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1117)
1001 MWF.....2:00pm- 2:50pm (JMZ 1215) STAFF
Tu.....2:00pm- 2:50pm (JMZ 0208)
1101 MW.....7:00pm- 9:00pm (JMZ 2207) STAFF
1201 MTuWF.....3:00pm- 3:50pm (JMZ 1226) STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who meet the requirements for SPAN 203 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 203. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits
0101 MWF.....10:00am-10:50am (JMZ 0105) STAFF
Tu.....10:00am-10:50am (JMZ 0208)

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203. May be taken concurrently with SPAN 221 or SPAN 205. Students must present their high school transcripts on the first day of class in order to assure proper placement. Section 0601 is designed for native Spanish speakers. — 3 credits
0101 MWF.....9:00am- 9:50am (HZF 1108) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1122) STAFF
0301 MWF.....11:00am-11:50am (HZF 1108) STAFF
0401 MWF.....12:00pm-12:50pm (HZF 1108) STAFF
0501 MWF.....1:00pm- 1:50pm (JMZ 1104) STAFF
0601 MWF.....1:00pm- 1:50pm (JMZ 1224) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203 or SPAN 203H or permission of department. Not open to native speakers. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1120) STAFF
0201 MWF.....10:00am-10:50am (JRN 1101) STAFF
0301 MWF.....11:00am-11:50am (JMZ 1120) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: SPAN 204. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1120) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1104) STAFF
0301 TuTh.....12:30pm- 1:45pm (JMZ 1104) STAFF

SPAN224 Violence and Resistance in the Americas; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2207) Rabasa, J

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 204 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1120) STAFF
0201 MWF.....1:00pm- 1:50pm (JMZ 2207) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2206) STAFF
0201 MWF.....1:00pm- 1:50pm (JMZ 0120) STAFF

SPAN310 Spanish Phonetics; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 204 or SPAN 205. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1226) Downey-Vanover,

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 204 or SPAN 205 or permission of department. Not open to native speakers. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1103) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1103) STAFF
0301 MWF.....11:00am-11:50am (JMZ 2207) STAFF
0401 MWF.....2:00pm- 2:50pm (JMZ 1117) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 205 or SPAN 311 or permission of department. Not open to native speakers. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2102) STAFF

SPAN315 Commercial Spanish; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 or equivalent or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1215) STAFF

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0120) Russell-Pineda,

SPAN317 Practicum in Translation II; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 316 or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2125) Russell-Pineda,

SPAN318D Translation of Technical Texts: Diplomatic Relations; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (COL 0102) STAFF

SPAN322 Survey of Spanish Literature: 18th-20th Century; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1215) Zappala, M

SPAN324 Survey of Spanish-American Literature II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2207) Sanjines, J
0201 TuTh.....9:30am-10:45am (JMZ 1226) STAFF

SPAN326 Spanish Civilization II; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....1:00pm- 2:15pm (JMZ 2123) Naharro-Caldero

SPAN347 Latin American Civilization II; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0105) Aguilar-Mora, J

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SPAN 387. — 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: SPAN 386. — 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. — 1-3 credits

SPAN402 Advanced Composition; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3207) STAFF

SPAN409 Great Themes of the Hispanic Literatures: Literatura fantastica; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1101) Nemes, G

SPAN409A Great Themes of the Hispanic Literatures; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0208) Sarlo, B

SPAN410 Literature of the Middle Ages; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1101) Benito-Vessels,

SPAN460 The Generation of 1898 and Its Successors; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:30pm- 3:45pm (JMZ 0208) Naharro-Caldero

SPAN489 Spanish-American Fiction: Siglo XX ; Cuentos de mujeres del Caribe; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2122) Phaf, W

SPAN610 The History of the Spanish Language; Grade Method: REG/AUD. — 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 1224) Benito-Vessels,

SPAN612 Comparative Romance Linguistics; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 5:00pm (HBK 1108) Uriagereka, J
Time and room to be arranged DIS

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN729 The Twentieth Century: Octavio Paz Y la literatura mexicana del siglo XX; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 0208) Aguilar-Mora, J

SPAN798 Open Seminar: Literatura del Caribe; Grade Method: REG/AUD. — 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 1103) Phaf, W

SPAN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPAN809 Colonial Spanish American Literature: Historiografia Colonial; Grade Method: REG/AUD. — 3 credits
0101 F.....2:00pm- 4:30pm (JMZ 0208) Rabasa, J

SPAN818 National Spanish-American Literature: Temas Hispanoamericanos; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1226) Sarlo, B

SPAN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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SPCH Speech (Arts and Humanities)

(See also THET and RTVF)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. (Course chairperson: Meacham). Labs will meet the first week of class. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....9:00am- 9:50am (ZOP 1232) DIS
0102 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....10:00am-10:50am (ZOP 1232) DIS
0103 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (ZOP 1232) DIS
0104 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....1:00pm- 1:50pm (ZOP 1232) DIS
0105 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....10:00am-10:50am (COL 0100) DIS
0106 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....11:00am-11:50am (ZOP 1228) DIS
0107 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (ARC 1103) DIS
0108 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....10:00am-10:50am (ZOP 1232) DIS
0109 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....11:00am-11:50am (ZOP 1236) DIS
0110 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....10:00am-10:50am (JMZ 2125) DIS
0111 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (COL 3110) DIS
0112 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (TWS 2230) DIS
0113 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (JMZ 0103) DIS
0114 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (TWS 2230) DIS
0115 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (COL 0100) DIS
0201 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (COL 0104) DIS
0202 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Tu.....9:00am- 9:50am (ZOP 1232) DIS
0203 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
M.....12:00pm-12:50pm (COL 0100) DIS
0204 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
W.....1:00pm- 1:50pm (TWS 0131) DIS
0205 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
M.....1:00pm- 1:50pm (ZOP 1228) DIS
0206 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (ZOP 1124) DIS
0207 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
0208 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
W.....11:00am-11:50am (COL 0104) DIS
0209 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
W.....12:00pm-12:50pm (COL 0100) DIS
0210 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (JMZ 1226) DIS
0211 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....9:00am- 9:50am (ASY 3217) DIS
0212 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....10:00am-10:50am (ASY 3219) DIS
0213 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (COL 0104) DIS
0214 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (COL 0100) DIS
0215 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (TWS 1204) DIS

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. (Course chairperson - Wolvin). Attendance on the first day of classes is mandatory: — 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0301 MWF.....8:00am- 8:50am (TWS 1202) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0601 MWF.....9:00am- 9:50am (TWS 1202) STAFF
0701 MWF.....10:00am-10:50am (TWS 2212) STAFF
0901 MWF.....11:00am-11:50am (TWS 2212) STAFF
1101 MWF.....11:00am-11:50am (TWS 2228) STAFF
1201 MWF.....9:00am- 9:50am (TWS 0131) STAFF
1301 MWF.....10:00am-10:50am (TWS 2228) STAFF
1401 MWF.....1:00pm- 1:50pm (TWS 2212) STAFF
1501 MWF.....1:00pm- 1:50pm (TWS 2230) STAFF
1601 MWF.....2:00pm- 2:50pm (TWS 0135) STAFF
1701 MWF.....2:00pm- 2:50pm (TWS 2230) STAFF
1901 TuTh.....8:00am- 9:15am (TWS 2228) STAFF
2001 TuTh.....8:00am- 9:15am (TWS 1204) STAFF
2101 TuTh.....9:30am-10:45am (TWS 2228) STAFF
2201 TuTh.....9:30am-10:45am (TWS 1204) STAFF
2301 TuTh.....9:30am-10:45am (TWS 0138) STAFF
2401 TuTh.....11:00am-12:15pm (TWS 0131) STAFF
2501 TuTh.....11:00am-12:15pm (TWS 2212) STAFF
2601 TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
2701 TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
2801 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
2901 TuTh.....2:00pm- 3:15pm (TWS 2230) STAFF
3001 TuTh.....2:00pm- 3:15pm (TWS 1204) STAFF
3101 TuTh.....2:00pm- 3:15pm (TWS 1202) STAFF
3201 TuTh.....3:30pm- 4:45pm (TWS 2228) STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Enrollment by permission of Arts and Humanities Dean. Attendance on the first day of classes is mandatory. — 3 credits
0101 M.....5:30pm- 8:15pm (JMZ 2123) Napolitano, C

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD. (Course chairperson - Edgar). Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 1204) STAFF
0201 MWF.....10:00am-10:50am (TWS 1204) STAFF
0301 MWF.....11:00am-11:50am (TWS 1202) STAFF
0401 MWF.....8:00am- 8:50am (TWS 1204) STAFF
0501 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF
0601 MWF.....2:00pm- 2:50pm (TWS 1202) STAFF
0701 TuTh.....9:30am-10:45am (TWS 1202) STAFF
0801 TuTh.....11:00am-12:15pm (TWS 1202) STAFF

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 100 or SPCH 107 or permission of department. (Course Chairperson - McCaleb). Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2228) STAFF
0201 MWF.....10:00am-10:50am (TWS 1202) STAFF

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD. (Course chairperson - Falcione). Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2228) STAFF
0201 MWF.....2:00pm- 2:50pm (TWS 2228) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG. (Course chairperson - Klumpp). Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....8:00am- 9:15am (TWS 2230) STAFF
0201 TuTh.....9:30am-10:45am (TWS 2212) STAFF
0301 TuTh.....2:00pm- 3:15pm (TWS 2212) STAFF
0401 TuTh.....3:30pm- 4:45pm (ARC 1127) STAFF
0501 TuTh.....12:30pm- 1:45pm (TWS 1204) STAFF
0601 TuTh.....2:00pm- 3:15pm (TWS 0135) STAFF

SPCH250 Introduction to Speech Communication Inquiry; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMZ 0105) Gaines, R

SPCH383 Urban Communication; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 4233) Niles, L

SPCH400 Research Methods in Speech Communication; Grade Method: REG/P-F/AUD. Prerequisites: SPCH 250 and an introductory course in statistics. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) Fink, E

SPCH401 Foundations of Rhetoric; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 250. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2102) McCaleb, J

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD. Recommended: SPCH 250. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....11:00am-12:15pm (TWS 0135) Goldsmith, D

SPCH424 Communication in Complex Organizations; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....4:15pm- 5:30pm (TWS 0138) Falcione, R

SPCH435 Theories of Interpersonal Communication; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2212) Edgar, T

SPCH451 Renaissance and Modern Rhetorical Theory; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 450 or permission of department. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....3:30pm- 4:45pm (ASY 3215) Gaines, R

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

SPCH498O Seminar: Topics in Organizational Communication; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 1202) Falcione, R

SPCH601 Historical-Critical Research in Speech Communication; Grade Method: REG/AUD. There will be one additional hour of discussion per week to be arranged. — 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 1202) Solomon, M

SPCH681 Communication Issues in Human Resource Development; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 1204) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPCH698 Special Problems in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

SPCH698O Special Problems in Speech Communication: Topics in Organizational Communication; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 1202) Falcione, R

SPCH698Q Special Problems in Speech Communication: Ethnography of Communication.; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:45pm (TWS 2228) Goldsmith, D

SPCH730 Seminar in Health Communication; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:45pm (TWS 2212) Edgar, T

SPCH768 Seminar in Public Address; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 2212) Klumpp, J

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 (PermReq) Elementary Statistics and Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive — 3 credits

Studies Area B Course. Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.

0101 MWF.....12:00pm-12:50pm (MTH 1308) STAFF
0102 MWF.....12:00pm-12:50pm (MTH 0302) STAFF
0103 MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 1308) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0102) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0411) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH). Not open to MATH grad students. Section 0301 is designed for engineering students, stressing applications and techniques from chemical, civil and mechanical engineering. — 3 credits

0101 MWF.....9:00am- 9:50am (MTH 1313) Bose, S
0201 MWF.....12:00pm-12:50pm (MTH 1313) Auslander, J
0301 MWF.....11:00am-11:50am (MTH 0401) Syski, R
0401 TuTh.....9:30am-10:45am (MTH 0105) Brin, M
0501 MWF.....2:00pm- 2:50pm (MTH B0425) Ventisel, A
0601 TuTh.....2:00pm- 3:15pm (MTH 0411) Mikulski, P
0701 TuTh.....12:30pm- 1:45pm (MTH 0106) Millson, J

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD. Prerequisite: STAT 400. Not open to MATH grad students. — 3 credits

0101 MWF.....11:00am-11:50am (MTH 0104) Bose, S

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240; and MATH 241. — 3 credits

0101 TuTh.....5:00pm- 6:15pm (MTH 0304) Yang, G

STAT420 Introduction to Statistics; Grade Method: REG/P-F/AUD. Prerequisite: STAT 410 or equivalent. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MTH B0427) Lee, T

STAT450 Regression and Analysis of Variance; Grade Method: REG/P-F/AUD. Prerequisite: STAT 401 or STAT 420. — 3 credits

0101 MWF.....10:00am-10:50am (EGR 2107) Smith, P

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD. Prerequisite: one semester of calculus. 56 semester hours. Junior standing. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (MTH 0103) Fakre-Zakeri, I

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

STAT601 Probability Theory II; Grade Method: REG/AUD. Prerequisite: STAT 600. — 3 credits

0101 MWF.....9:00am- 9:50am (MTH 0301) Syski, R

STAT650 Applied Stochastic Processes; Grade Method: REG/AUD. Prerequisite: STAT 410 or MATH 410 with one semester of probability. — 3 credits

0101 TuTh.....5:00pm- 6:15pm (MTH 0103) Fakre-Zakeri, I

STAT698A Selected Topics in Probability; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

STAT701 Mathematical Statistics II; Grade Method: REG/AUD. Prerequisite: STAT 700 or equivalent. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MTH 0107) Kagan, A

STAT711 Advanced Statistics II; Grade Method: REG/AUD. Prerequisite: STAT 710. — 3 credits

0101 TuTh.....11:00am-12:15pm (MTH 0301) Mikulski, P

STAT750 Multivariate Analysis; Grade Method: REG/AUD. Prerequisite: STAT 420 or STAT 700. — 3 credits

0101 MWF.....11:00am-11:50am (MTH 0107) Smith, P

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

STAT798T Selected Topics in Statistics: Time Series; Grade Method: REG/AUD. — 3 credits

0901 TuTh.....9:30am-10:45am (MTH 0107) Kedem, B

STAT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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TEXT Textiles (Human Ecology)

TEXT105 Introduction to Textiles; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (MMH 1400) Fell, K

TEXT205 Textile Materials and Performance; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 105. Recommended: prior or concurrent registration in CHEM 103. Credit will be granted for only one of the following: TEXT 150 or TEXT 205. Formerly TEXT 150. — 3 credits

0102 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Tu.....1:00pm- 3:00pm (MMH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....10:00am-12:00pm (MMH 2401) LAB
0104 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Th.....1:00pm- 3:00pm (MMH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD. Attendance in laboratory is required. Section 0103 is recommended for 1303A majors and 1303B and 1303E majors who want more advanced laboratory experience. Students with no background in apparel design are advised not to take this section. — 3 credits

0102 MW.....10:00am-10:50am (MMH 1304) Funderburk, J
Tu.....8:00am-11:00am (MMH 2208) LAB
0103 MW.....10:00am-10:50am (MMH 1304) Funderburk, J
Th.....8:00am-11:00am (MMH 2208) LAB
0104 MW.....10:00am-10:50am (MMH 1304) Wehrle, E
Th.....11:00am- 2:00pm (MMH 2208) LAB

TEXT305 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. — 3 credits

0101 MW.....1:00pm- 1:50pm (MMH 0108) Dharmadhikary,
M.....2:00pm- 4:30pm (MMH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MMH 0108) Dharmadhikary,
W.....2:00pm- 4:30pm (MMH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MMH 0108) Dharmadhikary,
F.....1:00pm- 3:30pm (MMH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MMH 0108) Dharmadhikary,
Tu.....2:00pm- 4:30pm (MMH 2201) LAB

TEXT347 History of Costume II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits

0101 TuTh.....9:30am-10:45am (MMH 0108) Paoletti, J

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. — 3 credits

0101 MWF.....10:00am-10:50am (MMH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (MMH 1304) Wass, A

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Limited to juniors and seniors. — 3 credits

0101 MWF.....11:00am-11:50am (MMH 1304) Eckman, M

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MMH 0108) Dardis, R
0201 MWF.....11:00am-11:50am (MMH 0108) Zhang, Z

TEXT385 (PermReq) Junior Honors Seminar; Grade Method: S-F. Junior standing in departmental honors program. — 1 credit

0101 Time and room to be arranged Whittington, L

TEXT388 (PermReq) Field Work and Analysis in Textiles; Grade Method: S-F. Limited to majors in textiles and consumer economics. — 3-12 credits

0101 Time and room to be arranged Wagner, J

TEXT400 Research Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or MATH 115. Not open to students who have completed CNEC 400 or BMGT 230. — 3 credits

0101 TuTh.....9:30am-10:45am (MMH 1304) Stapleton, D

TEXT425 Advanced Apparel Design; Grade Method: REG/P-F/AUD. Prerequisites: APDS 101 or ARTT 100; TEXT 305 and TEXT 222. Laboratory attendance is required. — 3 credits

0101 MW.....8:00am-11:00am (MMH 2208) LAB Anderson, C

TEXT430 Portfolio Presentation; Grade Method: REG/P-F/AUD. Prerequisites: [TEXT 420; and TEXT 425] or permission of department. Senior standing. For TEXT majors only. Formerly TEXT 498A. — 3 credits

0101 MW.....2:00pm- 5:00pm (MMH 2208) STAFF

TEXT435 (PermReq) Woven Fabric Structures and Design; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 235. Senior standing. For TEXT majors only. — 3 credits

0101 TuTh.....3:30pm- 6:00pm (MMH 2212) Block, I

TEXT470 Textile and Apparel Marketing; Grade Method: REG/AUD. Prerequisite: BMGT 350 or permission of department. — 3 credits

0101 TuTh.....11:00am-12:15pm (MMH 1304) Wagner, J

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. — 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-4 credits

TEXT498C Special Studies: Standardization and International Trade; Grade Method: REG/P-F/AUD. Junior standing. Students cannot receive credit for CNEC 455 and TEXT/CNEC 498C. — 3 credits

0101 W.....3:30pm- 6:00pm (ARM 0103) Spivak, S

THET Theatre (Arts and Humanities)

(See also RTVF and SPCH)

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....11:00am-12:15pm (SHM 2101) STAFF
0201 MWF.....12:00pm-12:50pm (SHM 2101) STAFF
0301 MWF.....1:00pm- 1:50pm (SHM 2101) STAFF
0401 TuTh.....9:30am-10:45am (SHM 2101) STAFF
0501 MWF.....2:00pm- 2:50pm (SHM 2101) STAFF

THET111 Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....9:30am-10:45am (ARC 1127) Gillespie, P

THET120 (PermReq) Acting I; Grade Method: REG/P-F/AUD. Prerequisite: THET 110. Students must contact department before registration for appropriate section. — 3 credits

0101 TuTh.....11:00am- 1:00pm (TWS 1228) STAFF
TuTh.....11:00am- 1:00pm (TWS 1228) LAB
0102 TuTh.....1:00pm- 3:00pm (TWS 1228) STAFF
TuTh.....1:00pm- 3:00pm (TWS 1228) LAB

0103 TuTh.....3:00pm- 5:00pm (TWS 1228) STAFF
TuTh.....3:00pm- 5:00pm (TWS 1228) LAB

THET170 Stagecraft; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
M.....2:00pm- 5:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
Tu.....2:00pm- 5:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
W.....2:00pm- 5:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
Th.....2:00pm- 5:00pm (TWS 0231) LAB

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....1:00pm- 2:50pm (TWS 1228) LAB Ufema, K

THET310 The American Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits

0101 MWF.....10:00am-10:50am (ASY 2203) Oleary, R

THET320 (PermReq) Acting II; Grade Method: REG. Prerequisites: THET 120 and THET 221 and permission of department. May be taken concurrently with THET 221. — 3 credits

0101 MW.....9:00am-10:50am (TWS 1228) Patrick, M

THET330 (PermReq) Play Directing I; Grade Method: REG/P-F/AUD. Prerequisites: THET 120; and THET 170; and THET 110; and THET 111 and permission of department. — 3 credits

0101 TuTh.....3:00pm- 4:50pm (TWS 0241) LAB Lavrakas, D

THET375 (PermReq) Scenic Design I; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Design-oriented theatre majors are expected to also have credit for THET 273. — 3 credits

0101 MW.....1:00pm- 2:50pm (TWS 1218) STAFF

THET386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: THET 387. — 1-3 credits

THET387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: THET 386. — 1-3 credits

THET420 (PermReq) Acting III; Grade Method: REG. Prerequisites: THET 120; and THET 221; and THET 320; and permission of department. Required to audition for spring production. — 3 credits

0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 (PermReq) Actor's Studio; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

THET430 (PermReq) Play Directing II; Grade Method: REG/P-F/AUD. Prerequisite: THET 330 or permission of department. — 3 credits

0101 MW.....3:00pm- 5:00pm (TWS 0241) Oleary, R

THET461 Theatre Management II; Grade Method: REG. Prerequisite: permission of department. — 3 credits

0101 TuTh.....9:30am-10:45am (TWS 2230) Patterson, W

THET476 (PermReq) Lighting Design I; Grade Method: REG/P-F/AUD. Prerequisites: THET 170; and permission of department. Recommended: THET 273. — 3 credits

0101 TuTh.....1:00pm- 3:00pm (TWS 0241) Wagner, D
Time and room to be arranged LAB

THET477 (PermReq) Lighting Design II; Grade Method: REG/P-F/AUD. Prerequisites: THET 476; and permission of department. — 3 credits

0101 TuTh.....3:00pm- 4:50pm (TWS 1218) Wagner, D

THET479 (PermReq) Theater Workshop; Grade Method: REG/P-F/AUD. — 1-3 credits

0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Donnelly, D
0301 Time and room to be arranged Stowe, L
0401 Time and room to be arranged Wagner, D

THET481 Stage Costume History and Design II; Grade (PermReq) Method: REG/P-F/AUD. Prerequisites: THET 480; and permission of department. — 3 credits

0101 TuTh.....9:00am-11:00am (TWS 1218) Huang, H

THET487 Stage Costume Construction II; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101 TuTh.....11:00am-12:50pm (TWS B0230D) Donnelly, D

THET491 History of the Theatre II; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (ASY 3221) Schuler, C

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 TuTh.....11:00am-12:15pm (TWS 0147) Gillespie, P

THET499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

THET499A Independent Study: Black Theatre History; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....11:00am-12:15pm (TWS 0135) Medford, G

THET499S (PermReq) Independent Study: Theatre Sound Design; Grade Method: REG. — 3 credits

0101 TuTh.....9:00am-10:50am (TWS 0135) Kriebs, D

THET499V (PermReq) Independent Study: Advanced Voice and Speech; Vocal Extremes; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....9:00am-10:50am (TWS 0241) Ufema, K

THET603 The Aesthetics of Theatre Arts; Grade Method: REG. — 3 credits

0101 Th.....4:00pm- 6:30pm (TWS 1202) Meersman, R

THET669 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

THET672 (PermReq) Theory of Visual Design in Scenery; Grade Method: REG/AUD. — 3 credits

0101 Time and room to be arranged Huang, H

THET681B (PermReq) Theory of Visual Design in Costuming; Grade Method: REG/AUD. — 3 credits

0101 Time and room to be arranged Huang, H

THET698 Seminar: Studies in Theatre: Russian Theatre and Drama: Griboyedov to Petrushevskaya; Grade Method: REG/AUD. Readings are in translation. — 3 credits

0101 Tu.....4:00pm- 6:30pm (TWS 2230) Schuler, C

THET788 (PermReq) Master's Tutorial; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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TXCE Textiles and Consumer Economics (Human Ecology)

TXCE600 Research Methods; Grade Method: REG/AUD. Prerequisite: basic course in statistics. — 3 credits

0101 TuTh.....4:00pm- 5:15pm (MMH 0108) Mokhtari, M

TXCE608 (PermReq) Special Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

TXCE642 Management of Textile and Costume Collections; Grade Method: REG/AUD. — 3 credits

0101 Time and room to be arranged Anderson, C

TXCE648 (PermReq) Seminar in Historic Textiles; Grade Method: REG/AUD. — 1-3 credits

1601 Time and room to be arranged Anderson, C

TXCE650 Textile Economics; Grade Method: REG/AUD. Prerequisite: TEXT 375 or permission of department. — 3 credits

0101 Time and room to be arranged Dardis, R

TXCE652 Textile Marketing; Grade Method: REG/AUD. Prerequisite: TEXT 470 or permission of department. — 3 credits

0101 TBA (MMH 2212) Wagner, J

TXCE658E (PermReq) Advanced Topics in Textiles: Data Aquisition and Quality Management; Grade Method: REG/AUD. — 3 credits

0101 TBA (MMH 2212) Pourdeyhimi, B

TXCE671 Mechanical and Thermal Properties; Grade Method: REG/AUD. Prerequisite: TEXT 305 or permission of department. — 3 credits

0101 W.....5:00pm- 9:00pm (MMH 2201) Pourdeyhimi, B

TXCE699 Research Seminar; Grade Method: S-F. — 1 credit

0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE747 Comfort and Perception; Grade Method: REG/AUD. Prerequisite: TXCE 670 or permission of instructor. Formerly TXCE 647. — 3 credits

0101 Tu.....5:30pm- 8:00pm (MMH 2201) Grover, G

TXCE789 (PermReq) Non-Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

TXCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit

0101 MTuWThF....1:00pm- 3:00pm (JMZ 1125) STAFF

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit

0101 Time and room to be arranged STAFF

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. — No credit

0101 MWF.....11:00am-12:00pm (JRN 1103) STAFF
TuTh.....11:00am-12:00pm (JMZ 0202)

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. — No credit
0101 MWF.....10:00am-12:00pm (ARM 0108) STAFF
TuTh.....10:00am-12:00pm (JMZ 1124)
0102 MTuWThF...10:00am-12:00pm (COL 3114) STAFF
MTuWThF....2:00pm- 3:00pm (JMZ 1211)

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. Undergraduate student also required to enroll in two courses not to exceed eight hours. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. Section 0301 reccommended for graduate students only. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 0202) STAFF
TuTh.....9:00am-11:00am (EDU 1203)
0301 MWF.....10:00am-12:00pm (ARM 0101) STAFF
TuTh.....10:00am-12:00pm (ARM 0101)
0401 MTuWThF....1:00pm- 3:00pm (JMZ 1124) STAFF

UMEI006 English Pronunciation; Grade Method: S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. — 1 credit
0101 W.....3:00pm- 5:00pm (JMZ 2123) STAFF
0201 W.....10:00am-12:00pm (EDU 1315) STAFF

UMEI008 (PermReq) Advanced Oral Communication Skills; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — 1 credit
0101 TuTh.....1:00pm- 3:00pm (JMZ 0202) STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS240 Introduction to Urban Research; Grade Method: REG/AUD. Prerequisite: URBS 100. Formerly URBS 210. — 3 credits
0101 MW.....12:00pm- 1:15pm (LEF 2166) Chang, W

URBS320 The Social and Technological City; Grade Method: REG/AUD. Prerequisite: URBS 240. Credit will be granted for only one of the following: URBS 320 or URBS 220. Formerly URBS 220. — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 2166) Christian, C
0201 TuTh.....9:30am-10:45am (JMZ 3205) Cohen, J

URBS397H (PermReq) Honors Independent Reading; Grade Method: REG. Prerequisite: admission to honors program in URBS or other departments. — 3 credits
0101 Time and room to be arranged Hula, R

URBS399I (PermReq) Independent Study in Urban Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

URBS410 The Development of the American City; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....4:30pm- 7:00pm (LEF 2166) Levin, M

URBS438 (PermReq) Urban Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

URBS470 Management and Administration of Metropolitan Areas; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3207) Cohen, J

URBS488C Selected Topics in Urban Studies and Planning: City and Regional Economic Development; Grade Method: REG/AUD. Prerequisites: URBS 210 and ECON 105, or ECON 201, or ECON 205. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2207) Weiss, E

URBS499H Honors Thesis; Grade Method: REG. Prerequisite: admissions to honors program in URBS or other departments. — 3 credits
0101 Time and room to be arranged Hula, R

URBS601 (PermReq) Research Methods; Grade Method: REG/AUD. Prerequisite: basic course in statistics. — 3 credits
0101 W.....6:30pm- 9:10pm (LEF 1220) Chang, W

URBS602 Research Design and Applications; Grade Method: REG/AUD. Prerequisite: computer literacy. — 3 credits
0101 W.....1:00pm- 3:30pm (LEF 1222) Hula, R

URBS607 Human Behavior and the Physical Environments; Grade Method: REG/AUD. Recommended: URBS 603. — 3 credits
0101 Tu.....5:30pm- 8:10pm (LEF 1220) Brower, S

URBS610 Urban Demographic Analysis; Grade Method: REG/AUD. Prerequisite: URBS 601. Credit will be granted for only one of the following: URBS 640 or URBS 610. Formerly URBS 640. — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 1221) Christian, C

URBS650 Urban Political Economy; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 5:30pm (LEF 1220) Hula, R

URBS660 Function and Structure of Metropolitan Areas; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:40pm (LEF 1208) Weiss, E

URBS666 (PermReq) Urban Management: Personnel, Budgeting and Planning; Grade Method: REG/AUD. Prerequisite: URBS 470 or permission of department. — 3 credits
0101 Tu.....6:30pm- 9:10pm (LEF 1201) Levin, M

URBS688G Recent Developments in Urban Studies: Issues in Growth Management and Environmental Planning; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:30pm (WDS 0104) Cohen, J

URBS688I Recent Developments in Urban Studies: Affordable Housing Developemt; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (KEY 0124) Digges, S

URBS688X Recent Developments in Urban Studies: Urban Problem Seminar; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 1210) Brower, S

URBS691 Politics and Planning; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1222) Baum, H

URBS703 (PermReq) Community Planning Field Instruction and Practicum; Grade Method: REG/AUD. Prerequisite: permission of instructor. For MCP majors only. Formerly URBS 689. This course is being offered at UMAB (Baltimore). — 8 credits
0101 W.....3:00pm- 5:00pm (Arranged) Baum, H

URBS788 (PermReq) Independent Study in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

URBS798 (PermReq) Readings in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

URBS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. A discussion hour will be added to the Tuesday/Thursday section. — 3 credits
0101 MWF.....9:00am- 9:50am (HBK 0117) Bolles, L
0201 TuTh.....11:00am-11:50am (COL 0104) Kim, S
Time and room to be arranged DIS

See note before WMST 200.

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....10:00am-10:50am (HBK 0117) Rosenfelt, D
0201 TuTh.....2:00pm- 2:50pm (EGR 1126) King, K
Time and room to be arranged DIS
0301 Tu.....4:30pm- 6:30pm (JMZ 0220) Pearson, C
Time and room to be arranged DIS

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 351. — 3 credits

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 350. — 3 credits

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: WMST 200 or WMST 250. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1108) King, K
0201 TuTh.....2:00pm- 3:15pm (HBK 1116) Kim, S

WMST4980 (PermReq) Special Topics in Women's Studies: Diversity in Oneness; Grade Method: REG/P-F/AUD. Prerequisite: WMST 498A . Seminar team taught with AASP professor Harley, ENGL professor Peterson, and WMST professor Bolles. — 5 credits
0101 MWF.....11:00am-12:30pm (TLF 0135) Peterson, C

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

WMST611 Power, Gender, and the Spectrum of Difference; Grade Method: REG/AUD. Prerequisite: WMST 400 or permission of department. — 3 credits
0101 M.....2:00pm- 4:30pm (ZOP 1234) Bolles, L

WMST699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ZOOL202 Human Anatomy and Physiology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. Prerequisite: ZOOL 201 or permission of department. Professor-in-charge: Olek. Laboratory supervisor: Spalding. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0112 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
F.....10:00am- 1:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 106. — 4 credits
0102 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
M.....11:00am- 2:00pm (ZOP 0257) LAB
0103 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
M.....2:00pm- 5:00pm (ZOP 0257) LAB
0104 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Tu.....11:00am- 2:00pm (ZOP 0257) LAB
0105 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Tu.....2:00pm- 5:00pm (ZOP 0257) LAB
0107 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
W.....11:00am- 2:00pm (ZOP 0257) LAB
0108 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
W.....2:00pm- 5:00pm (ZOP 0257) LAB
0109 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Th.....11:00am- 2:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105; and CHEM 103. Professor-in-charge: Goode. Lecturers: Prof. Goode, Shapiro, Payne, Ades. — 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Goode, M
W.....6:00pm- 9:00pm (ZOP 0283) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105; CHEM 113. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
M.....1:00pm- 4:00pm (ZOP 0201) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Tu.....9:00am-12:00pm (ZOP 0201) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
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0104 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
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0105 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Th.....9:00am-12:00pm (ZOP 0201) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1250) Barnett, A
Th.....1:00pm- 4:00pm (ZOP 0201) LAB

ZOOL299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL308H (PermReq) Honors Seminar; Grade Method: REG/P-F/AUD. See Prof. Inouye for day and time of seminar. Prerequisite: participation in honors program. — 1 credit
0101 Time and room to be arranged Inouye, D

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. — 1-4 credits

ZOOL312 The Biology of Conservation and Extinction; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 106. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 2283) Dietz, J

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. — 1-2 credits

ZOOL328A Selected Topics in Zoology: Molecular Evolution; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1234) Stephan, W

ZOOL328C Selected Topics in Zoology: Neurophysiology; Grade Method: REG/P-F/AUD. Lectures of ZOOL 421 for undergraduate students. Graduate students register for ZOOL 708C. — 3 credits
3801 TuTh.....11:00am-12:15pm (ZOP 1243) Payne, R

ZOOL328E Selected Topics in Zoology: Herpetology; Grade Method: REG/P-F/AUD. — 2 credits
0101 MW.....9:00am- 9:50am (ZOP 1234) Highton, R

ZOOL328F Selected Topics in Zoology: Herpetology Lab and Field Trips; Grade Method: REG/P-F/AUD. Corequisite: ZOOL 328E. — 1 credit
0101 Time and room to be arranged LAB Highton, R

ZOOL328L Selected Topics in Zoology: Biology of Extinct Animals; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 210. This course applies available information on living animals to reconstructing the form and life style of animals with no living descendants. — 2 credits
0101 MW.....1:00pm- 1:50pm (ZOP 1236) Kent, B

ZOOL328N Selected Topics in Zoology: Neuroethology; Grade Method: REG/P-F/AUD. Course will be co-taught by A.N. Popper and M.A. Ottinger. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Ottinger, M

ZOOL328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. — 1-3 credits

ZOOL346 Human Genetics and Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: two college courses in the natural sciences and/or mathematics. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1238) Barnett, A

ZOOL416 Biology of Cancer; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; and [MICB 200 or a course in biochemistry]. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Ades, I

ZOOL421 Neurophysiology; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; and CHEM 233; and PHYS 122. Undergraduate students may enroll for lectures of course under ZOOL 328C. Graduate students may enroll for lectures of course under ZOOL 708C. — 4 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1243) Payne, R
Tu.....2:00pm- 5:00pm (ZOP 2223) LAB
0102 TuTh.....11:00am-12:15pm (ZOP 1243) Payne, R
Th.....2:00pm- 5:00pm (ZOP 2223) LAB
0103 TuTh.....11:00am-12:15pm (ZOP 1243) Payne, R
M.....2:00pm- 5:00pm (ZOP 2223) LAB

ZOOL452 Recombinant DNA; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 211 or ZOOL 213 or MICB 380. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) Shapiro, S

ZOOL461 Ethology Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: [ZOOL 460 or ZOOL 465] or permission of department. Course co-taught by G.Borgia and G.Wilkinson. — 3 credits
0101 Tu.....1:00pm- 1:50pm (ZOP 0275) Wilkinson, G
TuTh.....2:00pm- 5:00pm (ZOP 0275) LAB

ZOOL465 Behavioral Ecology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and [ZOOL 210 or ZOOL 213] or permission of department. — 3 credits
0101 MW.....3:30pm- 5:15pm (ZOP 1238) Borgia, G

ZOOL468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 366. — 2 credits
0101 Time and room to be arranged LAB Carter-Porges,

ZOOL472 Protozoology; Grade Method: REG/P-F/AUD. Prerequisite: one year of biology. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 1236) Small, E
TuTh.....2:00pm- 5:00pm (ZOP 0207) LAB

ZOOL473 Marine Ecology; Grade Method: REG/P-F/AUD. Prerequisites: a course in invertebrate zoology or animal diversity, and ZOOL 470, or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1234) Reaka, M

ZOOL608G Zoology Seminar: Scientific Writing; Grade Method: REG/AUD. — 2 credits
0101 Time and room to be arranged Pierce Jr, S

ZOOL608Q Zoology Seminar: Protozoology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Small, E

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL627 Behavioral Endocrinology; Grade Method: REG/AUD. Prerequisite: ZOOL 328 or ZOOL 426. Co-taught by S. Carter and M. Ottinger. — 3 credits
0101 W.....1:00pm- 4:00pm (Arranged) Carter-Porges,

ZOOL670 Concepts in Animal Ecology; Grade Method: REG/AUD. Prerequisite: a course in ecology (ZOOL 470 or equivalent). — 4 credits
0101 Tu.....1:30pm- 3:30pm (ZOP 1230) Gill, D
Tu.....8:00am-11:00am (ZOP 1230) DIS

ZOOL676 Behavioral Ecology; Grade Method: REG/AUD. Prerequisites: a course in ecology and a course in behavior, or permission of instructor. — 4 credits
0101 MW.....3:30pm- 5:15pm (ZOP 1238) Borgia, G

ZOOL708A Advanced Topics in Zoology: Molecular Evolution; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1234) Stephan, W

ZOOL708C Advanced Topics in Zoology: Neurophysiology; Grade Method: REG/AUD. Lectures of ZOOL 421. Graduate students register for ZOOL 708C. — 3 credits

3801	TuTh.....11:00am-12:15pm (ZOP 1243)		Payne, R
ZOOL708D	Advanced Topics in Zoology: Recombinant DNA; Grade Method: REG/AUD. Advanced special students require department authorization. Prerequisites: ZOOL 211 or ZOOL 213 or permission of instructor.	3 credits	
0101	TuTh.....9:30am-10:45am (ZOP 1250)		Shapiro, S
ZOOL708I	Advanced Topics in Zoology: Ethology Laboratory; Grade Method: REG/AUD.	3 credits	
0101	Tu.....1:00pm- 1:50pm (ZOP 0275) Time and room to be arranged LAB		Wilkinson, G
ZOOL708M	Advanced Topics in Zoology: Neuroethology; Grade Method: REG/AUD.	3 credits	
0101	TuTh.....9:30am-10:45am (ZOP 2283)		Ottinger, M
ZOOL799	Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits	
ZOOL899	Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits	

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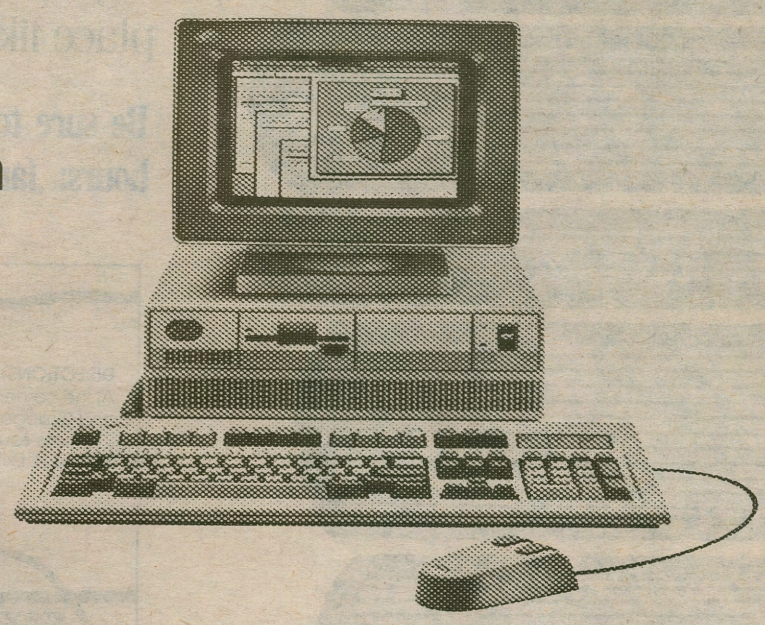

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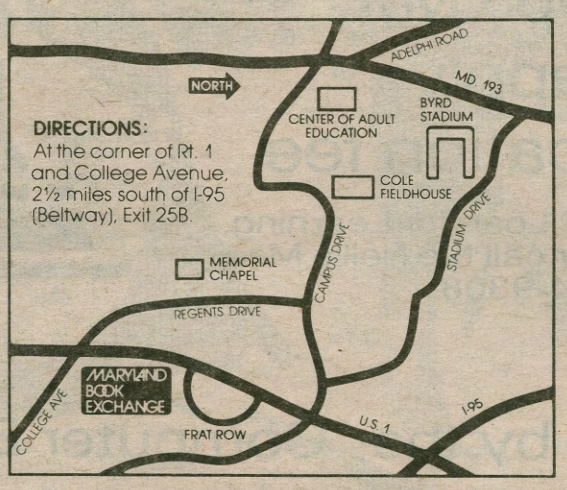

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